

ABBREVIATIONS

A	AC	ACCOMMODATION	AD	ADDITIONAL	AE	ADJUSTABLE	AF	ALUMINUM	AG	AGGREGATE	AH	AIR HANDLING UNIT	AI	ALTERNATE	AM	AMPHIBIOUS	AN	ANALOG	AO	APPROXIMATELY	APR	APPROXIMATELY	AS	ASBESTOS	AT	ATMOSPHERIC	AV	AVERAGE	AW	AVERAGE	AX	AVERAGE				
	BA	BALANCE	BB	BOTTOM CURB	BD	BOARD	BE	BETWEEN	BL	BUILDING	BLD	BLOCK	BLDG	BLOCKING	BM	BENCH MARK	BN	BLOCKING	BO	BLOCKING	BP	BLOCKING	BR	BLOCKING	BS	BLOCKING	BT	BLOCKING	BU	BLOCKING	BU	BLOCKING				
	CA	CANISTER	CB	CANISTER	CC	CATCH BASIN	CD	CATCH BASIN	CE	CATCH BASIN	CF	CATCH BASIN	CG	CATCH BASIN	CH	CATCH BASIN	CI	CATCH BASIN	CJ	CATCH BASIN	CK	CATCH BASIN	CL	CATCH BASIN	CM	CATCH BASIN	CN	CATCH BASIN	CO	CATCH BASIN	CP	CATCH BASIN	CQ	CATCH BASIN		
	DA	DRAINAGE	DB	DRAINAGE	DC	DRAINAGE	DD	DRAINAGE	DE	DRAINAGE	DF	DRAINAGE	DG	DRAINAGE	DH	DRAINAGE	DI	DRAINAGE	DJ	DRAINAGE	DK	DRAINAGE	DL	DRAINAGE	DM	DRAINAGE	DN	DRAINAGE	DO	DRAINAGE	DP	DRAINAGE	DQ	DRAINAGE		
	EA	EARTH	EB	EARTH	EC	EARTH	ED	EARTH	EE	EARTH	EF	EARTH	EG	EARTH	EH	EARTH	EI	EARTH	EJ	EARTH	EK	EARTH	EL	EARTH	EM	EARTH	EN	EARTH	EO	EARTH	EP	EARTH	EQ	EARTH		
	FA	FLOOR	FB	FLOOR	FC	FLOOR	FD	FLOOR	FE	FLOOR	FF	FLOOR	FG	FLOOR	FH	FLOOR	FI	FLOOR	FJ	FLOOR	FK	FLOOR	FL	FLOOR	FM	FLOOR	FN	FLOOR	FO	FLOOR	FP	FLOOR	FQ	FLOOR		
	GA	GLASS	GB	GLASS	GC	GLASS	GD	GLASS	GE	GLASS	GF	GLASS	GG	GLASS	GH	GLASS	GI	GLASS	GJ	GLASS	GK	GLASS	GL	GLASS	GM	GLASS	GN	GLASS	GO	GLASS	GP	GLASS	GQ	GLASS		
	HA	HANDICAP	HB	HANDICAP	HC	HANDICAP	HD	HANDICAP	HE	HANDICAP	HF	HANDICAP	HG	HANDICAP	HH	HANDICAP	HI	HANDICAP	HJ	HANDICAP	HK	HANDICAP	HL	HANDICAP	HM	HANDICAP	HN	HANDICAP	HO	HANDICAP	HP	HANDICAP	HQ	HANDICAP		
	IA	INTERIOR	IB	INTERIOR	IC	INTERIOR	ID	INTERIOR	IE	INTERIOR	IF	INTERIOR	IG	INTERIOR	IH	INTERIOR	II	INTERIOR	IJ	INTERIOR	IK	INTERIOR	IL	INTERIOR	IM	INTERIOR	IN	INTERIOR	IO	INTERIOR	IP	INTERIOR	IQ	INTERIOR		
	JA	JANITOR	JB	JANITOR	JC	JANITOR	JD	JANITOR	JE	JANITOR	JF	JANITOR	JG	JANITOR	JH	JANITOR	JI	JANITOR	IJ	JANITOR	JK	JANITOR	KL	JANITOR	LM	JANITOR	LN	JANITOR	LO	JANITOR	LP	JANITOR	LQ	JANITOR		
	MA	MACHINE	MB	MACHINE	MC	MACHINE	MD	MACHINE	ME	MACHINE	MF	MACHINE	MG	MACHINE	MH	MACHINE	MI	MACHINE	MI	MACHINE	MJ	MACHINE	MK	MACHINE	ML	MACHINE	MM	MACHINE	MN	MACHINE	MO	MACHINE	MP	MACHINE	MQ	MACHINE
	NA	NORTH	NB	NORTH	NC	NORTH	ND	NORTH	NE	NORTH	NF	NORTH	NG	NORTH	NH	NORTH	NI	NORTH	NI	NORTH	NJ	NORTH	NK	NORTH	NL	NORTH	NM	NORTH	NO	NORTH	NP	NORTH	NQ	NORTH		
	OA	OVERHEAD	OB	OVERHEAD	OC	OVERHEAD	OD	OVERHEAD	OE	OVERHEAD	OF	OVERHEAD	OG	OVERHEAD	OH	OVERHEAD	OI	OVERHEAD	OJ	OVERHEAD	OK	OVERHEAD	OL	OVERHEAD	OM	OVERHEAD	ON	OVERHEAD	OO	OVERHEAD	OP	OVERHEAD	OQ	OVERHEAD		
	PA	PART	PB	PART	PC	PART	PD	PART	PE	PART	PF	PART	PG	PART	PH	PART	PI	PART	PI	PART	PJ	PART	PK	PART	PL	PART	PM	PART	PO	PART	PP	PART	PQ	PART		
	QA	QUANTITY	QB	QUANTITY	QC	QUANTITY	QD	QUANTITY	QE	QUANTITY	QF	QUANTITY	QG	QUANTITY	QH	QUANTITY	QI	QUANTITY	QJ	QUANTITY	QK	QUANTITY	QL	QUANTITY	QM	QUANTITY	QN	QUANTITY	QO	QUANTITY	QP	QUANTITY	QQ	QUANTITY		
	RA	REINFORCEMENT	RB	REINFORCEMENT	RC	REINFORCEMENT	RD	REINFORCEMENT	RE	REINFORCEMENT	RF	REINFORCEMENT	RG	REINFORCEMENT	RH	REINFORCEMENT	RI	REINFORCEMENT	RI	REINFORCEMENT	RJ	REINFORCEMENT	RK	REINFORCEMENT	RL	REINFORCEMENT	RM	REINFORCEMENT	RO	REINFORCEMENT	RP	REINFORCEMENT	RQ	REINFORCEMENT		
	SA	SHOULDER	SB	SHOULDER	SC	SHOULDER	SD	SHOULDER	SE	SHOULDER	SF	SHOULDER	SG	SHOULDER	SH	SHOULDER	SI	SHOULDER	SI	SHOULDER	SJ	SHOULDER	SK	SHOULDER	SL	SHOULDER	SM	SHOULDER	SN	SHOULDER	SO	SHOULDER	SP	SHOULDER		
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	UA	UNDERGROUND	UB	UNDERGROUND	UC	UNDERGROUND	UD	UNDERGROUND	UE	UNDERGROUND	UF	UNDERGROUND	UG	UNDERGROUND	UH	UNDERGROUND	UI	UNDERGROUND	UI	UNDERGROUND	UJ	UNDERGROUND	UK	UNDERGROUND	UL	UNDERGROUND	UM	UNDERGROUND	UN	UNDERGROUND	UP	UNDERGROUND	UQ	UNDERGROUND		
	VA	VAN	VB	VAN	VC	VAN	VD	VAN	VE	VAN	VF	VAN	VG	VAN	VH	VAN	VI	VAN	VI	VAN	VJ	VAN	VK	VAN	VL	VAN	VM	VAN	VO	VAN	VP	VAN	VQ	VAN		
WA	WALL	WB	WALL	WC	WALL	WD	WALL	WE	WALL	WF	WALL	WG	WALL	WH	WALL	WI	WALL	WI	WALL	WJ	WALL	WK	WALL	WL	WALL	WM	WALL	WN	WALL	WO	WALL	WP	WALL			
XA	EXTERIOR	XB	EXTERIOR	XC	EXTERIOR	XD	EXTERIOR	XE	EXTERIOR	XF	EXTERIOR	YG	EXTERIOR	YH	EXTERIOR	YI	EXTERIOR	YI	EXTERIOR	YJ	EXTERIOR	YK	EXTERIOR	YL	EXTERIOR	YM	EXTERIOR	YN	EXTERIOR	YO	EXTERIOR	YP	EXTERIOR			
ZA	ZONE	ZB	ZONE	ZC	ZONE	ZD	ZONE	ZE	ZONE	ZF	ZONE	ZG	ZONE	ZH	ZONE	ZI	ZONE	ZI	ZONE	ZJ	ZONE	ZK	ZONE	ZL	ZONE	ZM	ZONE	ZN	ZONE	ZO	ZONE	ZP	ZONE			

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	NA	NORTH	NB	NORTH	NC	NORTH	ND	NORTH	NE	NORTH	NF	NORTH	NG	NORTH	NH	NORTH	NI	NORTH	NI	NORTH	NJ	NORTH	NK	NORTH	NL	NORTH	NM	NORTH	NO	NORTH	NP	NORTH	NQ	NORTH		
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	WA	WALL	WB	WALL	WC	WALL	WD	WALL	WE	WALL	WF	WALL	WG	WALL	WH	WALL	WI	WALL	WI	WALL	WJ	WALL	WK	WALL	WL	WALL	WM	WALL	WN	WALL	WO	WALL	WP	WALL		
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	MA	MACHINE	MB	MACHINE	MC	MACHINE	MD	MACHINE	ME	MACHINE	MF	MACHINE	MG	MACHINE	MH	MACHINE	MI	MACHINE	MI	MACHINE	MJ	MACHINE	MK	MACHINE	ML	MACHINE	MM	MACHINE	MN	MACHINE	MO	MACHINE	MP	MACHINE	MQ	MACHINE
	NA	NORTH	NB	NORTH	NC	NORTH	ND	NORTH	NE	NORTH	NF	NORTH	NG	NORTH	NH	NORTH	NI	NORTH	NI	NORTH	NJ	NORTH	NK	NORTH	NL	NORTH	NM	NORTH	NO	NORTH	NP	NORTH	NQ	NORTH		

VA NEBRASKA - WESTERN IOWA HEALTH CARE SYSTEM

RENOVATION OF RESTROOMS, OMAHA & GRAND ISLAND DIVISIONS

4101 Woolworth Avenue OMAHA, NEBRASKA 68105

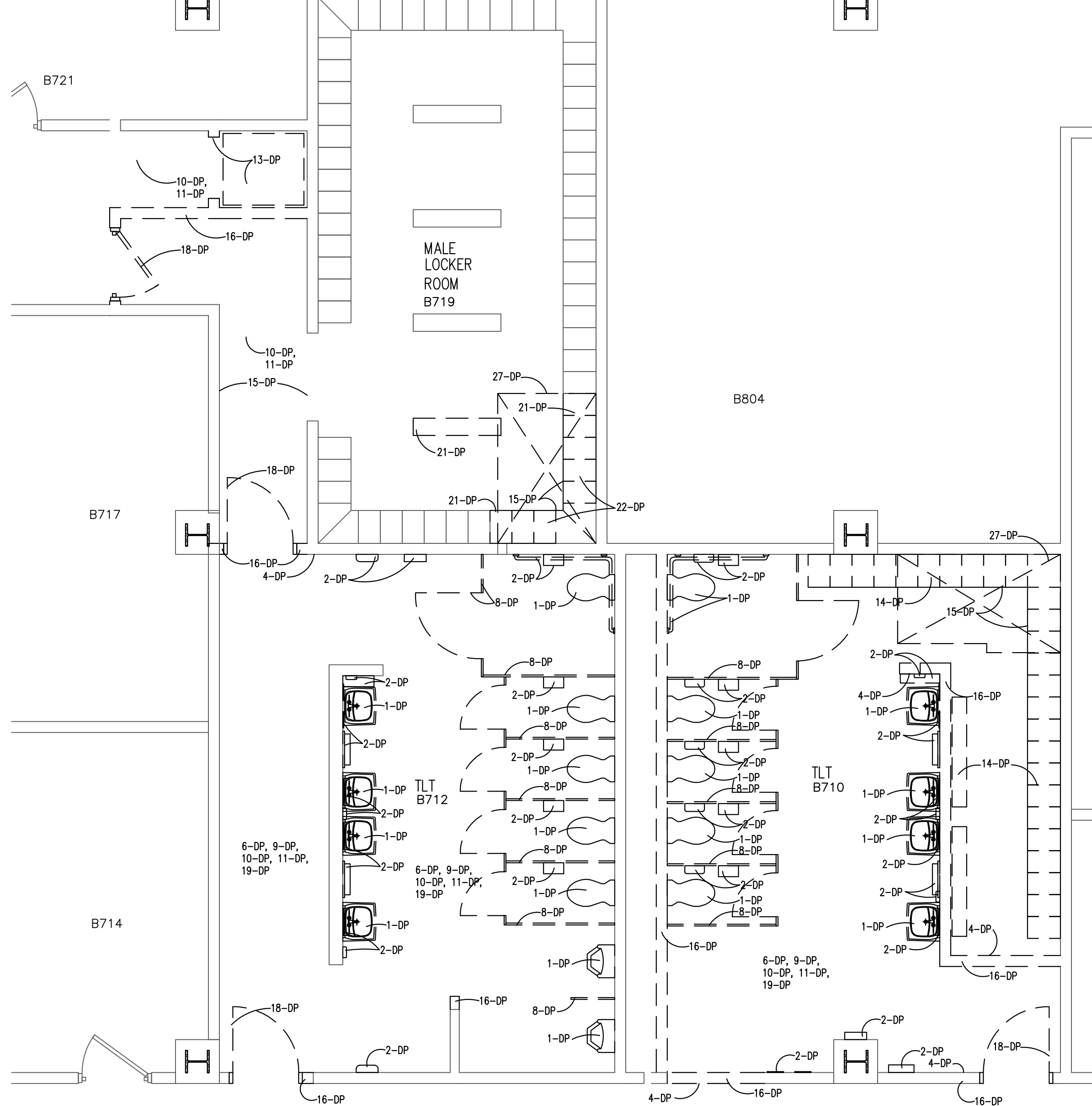
2201 NORTH BROADWELL AVENUE GRAND ISLAND, NEBRASKA 68803

DWG #	DRAWING TITLE	DATE ISSUED	REV. DATE	DWG #	DRAWING TITLE	DATE ISSUED	REV. DATE	DWG #	DRAWING TITLE	DATE ISSUED	REV. DATE
GO-1	COVER SHEET, LEGENDS, ABBREV. & SHEET INDEX	7-13-12			MECHANICAL DRAWINGS				ELECTRICAL DRAWINGS		
				MO-1	LOWER LEVEL, 1st & 3rd FLOOR PLANS-MECHANICAL DEMOLITION	7-13-12			EO-1	LOWER LEVEL, 1st & 3rd FLOOR PLANS-ELECTRICAL DEMOLITION	7-13-12
A1-1	DEMOLITION FLOOR PLAN - LOWER LEVEL, 1st FLOOR & 3rd FLOOR	7-13-12		M1-1	LOWER LEVEL, 1st & 3rd FLOOR PLANS-HVAC	7-13-12			E1-1	LOWER LEVEL, 1st & 3rd FLOOR PLANS-LIGHTING	7-13-12
A1-2	PARTIAL FLOOR PLANS - LOWER LEVEL, 1st FLOOR & 3rd FLOOR	7-13-12		M2-1	LOWER LEVEL, 1st & 3rd FLOOR PLANS-PLUMBING	7-13-12			E2-1	LOWER LEVEL, 1st & 3rd FLOOR PLANS-POWER	7-13-12
A3-1	DOOR TYPES, DOOR & ROOM FINISH SCHEDULES, TYP. MTD. HTS & MSC DETAILS	7-13-12		M3-1	LOWER LEVEL, 1st & 3rd FLOOR PLANS-FIRE SPRINKLER	7-13-12			E3-1	ELECTRICAL SCHEDULES & DETAILS	7-13-12
A6-1	LOWER LEVEL, 1st & 3rd FLOOR REFLECTED CEILING PLANS	7-13-12		M4-1	MECHANICAL SCHEDULES & DETAILS	7-13-12					
A7-1	INTERIOR TOILET ROOM ELEVATIONS	7-13-12									
A7-2	INTERIOR TOILET ROOM ELEVATIONS	7-13-12									
A7-3	INTERIOR TOILET ROOM ELEVATIONS	7-13-12									
GENERAL NOTES				BUILDING DATA				INFECTION CONTROL NOTES			
<p>1. All contractors shall inspect the site, review drawings and specifications and be fully informed as to work required to fulfill the contract prior to bidding.</p> <p>2. All contractors take all measurements for the work and be responsible for same. Coordinate the work and shop drawings with all other trades affected and make any necessary offsets to conceal piping and ductwork and to clear equipment, structural members and other obstructions.</p> <p>3. All materials and equipment shall be new, of the best quality and free from defects.</p> <p>4. All work shall comply with applicable regulations, codes and ordinances. Notify architect of any code violations before commencing with work.</p> <p>5. The contractor shall perform all tests as specified or as necessary to demonstrate a complete and satisfactory installation.</p> <p>6. Coordinate all building dimensions at the site with the architect as necessary.</p> <p>7. The contractor shall work with the conditions as they exist at the site. Coordinate all above ceiling work to ensure a complete and operational system at no additional cost to the owner. Coordination shall include, but not be limited to the following:</p> <p>a. the owner's equipment requirements b. the ceiling support system c. the mechanical ductwork system d. the lighting fixtures e. electrical wiring and conduit systems f. installation of new and existing sound system components g. the plumbing and piping systems</p> <p>8. The contractor will coordinate with the owners staff the removal of any asbestos materials that may be required due to the scope of the work.</p>				<p>ALL WORK SHALL BE IN ACCORDANCE WITH ALL APPLICABLE CODES AS ADOPTED BY THE FOLLOWING GOVERNING AUTHORITIES:</p> <p>CITY: OMAHA COUNTY: DOUGLAS STATE: NEBRASKA</p> <p>BUILDING CODE: 2006 (IBC) INTERNATIONAL BUILDING CODE & LOCAL AMENDMENTS MECHANICAL CODE: CH-40 (IMC) OMAHA MUNICIPAL CODE & 2006 (IMC) INTERNATIONAL MECHANICAL CODE PLUMBING CODE: CH-49 OMAHA MUNICIPAL CODE (OMC) & 2010 OMAHA PLUMBING CODE ELECTRICAL CODE: 2011 (NEC) NATIONAL ELECTRIC CODE ACCESSIBILITY CODE: 2006 (IBC) INTERNATIONAL BUILDING CODE (INCLUDING ICC/ANSI 117.1-03) FIRE CODE: 2006 NFPA LIFE SAFETY CODE & 2003 (IFC) INTERNATIONAL FIRE CODE ENERGY CODE: 2009 (IECC) INTERNATIONAL ENERGY CONSERVATION CODE CONSTRUCTION TYPE: TYPE I-A OCCUPANCY: I-2 SPRINKLED: YES NO. OF STORIES: 3 (REMODELED AREA'S)</p>				<p>1. SPECIFY NEGATIVE AIR MACHINES WITH HEPA FILTER. BE PROVIDED ON THE PROJECT WITH A SCHEDULED, DOCUMENTED, FILTER CHANGE.</p> <p>2. SPECIFY THAT THE CONSTRUCTION PROJECT BE COMPLETELY SEPARATED BY A SEALED WALL WITH A FIRE-RATED BARRIER FROM THE ADJACENT FUNCTIONING SPACES.</p> <p>3. SPECIFY PREDETERMINED CONSTRUCTION ROUTES AND TEMPORARY PARTITIONS TO PROMOTE CONSTRUCTION PATH SEGREGATION.</p> <p>4. PROVIDE STICKY MATS AND WET MATS WITH A SPECIFIC CHANGE OUT SCHEDULE.</p> <p>5. CONTRACTOR TO TRANSPORT MATERIALS (SPECIFICALLY DEMOLISHED MATERIAL) IN CLOSED CONTAINERS ONLY. THE WHEELS OF THE CART ARE REQUIRED TO BE WIPED DOWN BEFORE LEAVING THE CONSTRUCTION ZONE.</p> <p>6. IF CEILING TILES OUTSIDE OF THE PROJECT PERIMETER NEED TO BE ACCESSED, A TEMPORARY BARRIER SHALL BE PLACED AND SEALED AROUND IT. THE CONTRACTOR MUST BRING A VACUUM INTO THE SEALED AREA WITH HIM AND VACUUM. BOTH THE AREA AND HIMSELF BEFORE LEAVING THE ENCLOSURE.</p>			
RENOVATION AREA: LOWER LEVEL - 1,294 SF - 1st FLOOR 1ST FLOOR - 852 SF - 3RD FLOOR - 645 SF = 2,791 TOTAL SF				SYMBOLS LEGEND				MEN'S BATHRM 10203			
MATERIALS LEGEND											
<p>PLYWOOD</p> <p>RIGID INSULATION</p> <p>INSULATION - BATT OR BLANKET</p> <p>EARTH (FILL)</p> <p>EARTH (UNDISTURBED)</p> <p>GRANULAR FILL</p> <p>METAL LATH & PLASTER OR STUCCO</p> <p>VENER PLASTER ON BASE BOARD</p> <p>POURED CONCRETE OR PRE-CAST CONCRETE</p> <p>GROUT, GWB OR PLASTER</p>				<p>CMU</p> <p>BRICK</p> <p>CERAMIC TILE / QUARRY TILE</p> <p>GRANITE OR MARBLE</p> <p>STEEL</p> <p>WOOD FRAMING</p> <p>SHIM OR BLOCKING</p> <p>FINISHED WOOD</p> <p>CUT STONE</p>				<p>1-DP</p> <p>1-FP</p> <p>1-CP</p> <p>REVISIONS (ISSUE)</p> <p>COLUMN LINE (NEW)</p> <p>COLUMN LINE (EXISTING)</p> <p>INTERIOR ELEVATION MARKER</p> <p>WINDOW TYPE</p>			

CONSULTANTS: 11235 Davenport Street Phone: 402.991.5320 Omaha, NE 68154 Fax: 402.991.5394 www.specializedeng.com		ARCHITECT/ENGINEERS: 10205 West Dodge Road Omaha, NE 68114 Phone: 402.224.2422 Fax: 402.334.0023 www.altus-studio.com		Drawing Title COVER SHEET, LEGENDS, ABBREV. & SHEET INDEX		Project Title RENOVATE RESTROOMS NWIHCS		Project Number 636-12-108		Office of Construction and Facilities Management 	
Revisions:		Approved Project Director		Location OMAHA		Drawing Number GO-1		Dwg. 1 of 8			
Date:		Date: 7-13-2012		Checked: MJH		Drawn: RGG					

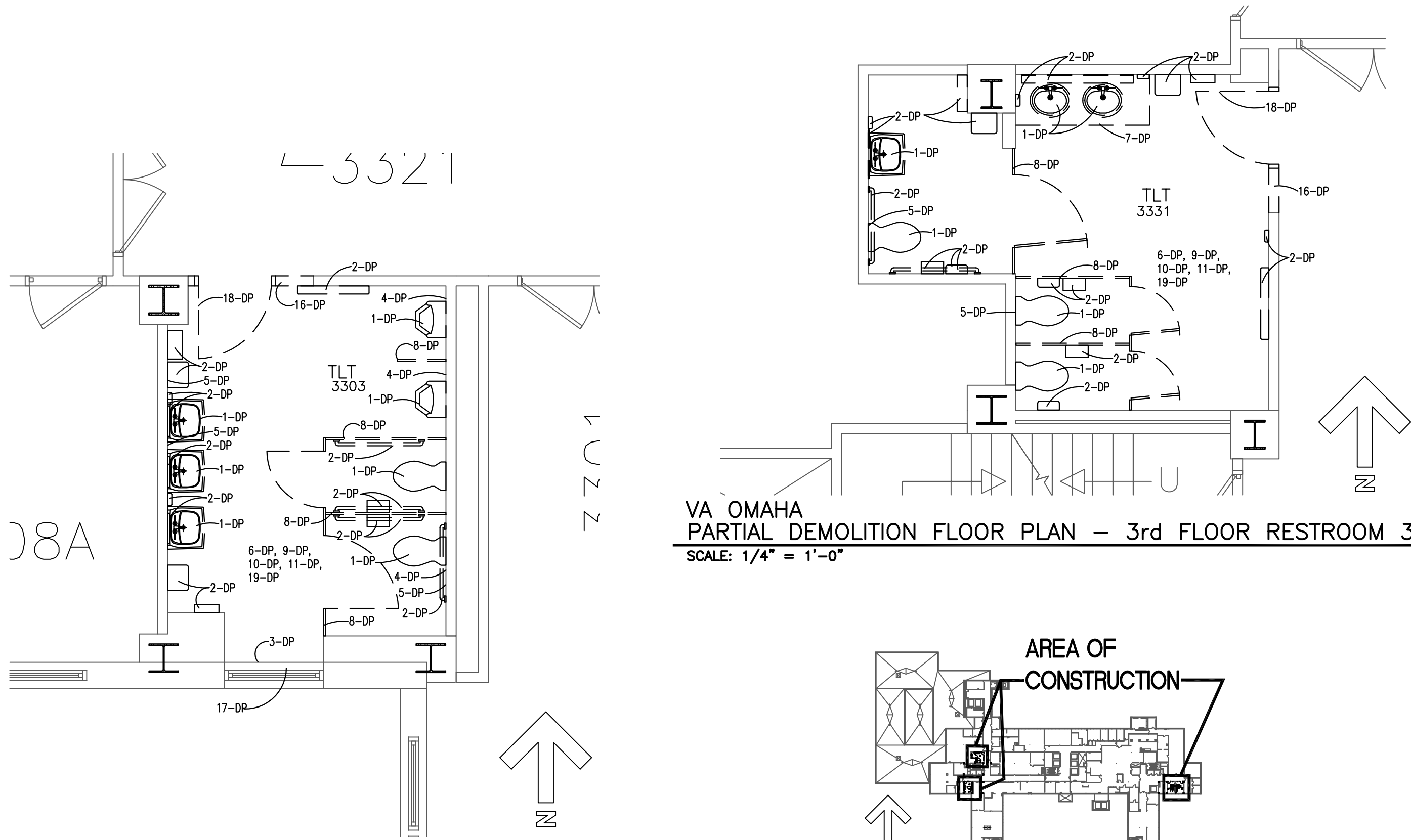
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three eighths inch = one foot
one eighth inch = one foot
one quarter inch = one foot
three quarters inch = one foot
one half inch = one foot
one inch = one foot
one and one half inches = one foot
three inches = one foot



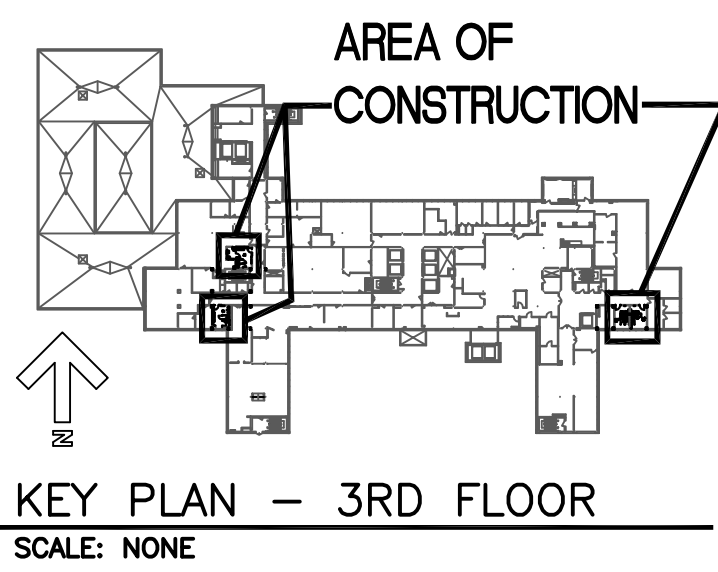
VA OMAHA
PARTIAL DEMOLITION FLOOR PLAN - LOWER LEVEL RESTROOMS B712 & B710
SCALE: 1/4" = 1'-0"

NOTE: DEMOLITION OF MEN'S & WOMEN'S RESTROOM
SHALL BE COORDINATED WITH GENERAL CONTRACTOR'S
PHASING PLAN

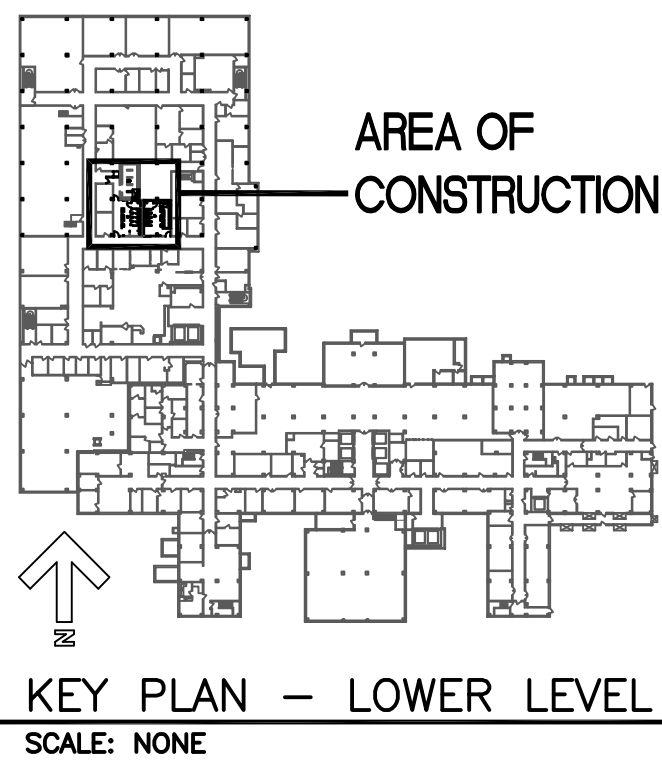


VA OMAHA - PARTIAL DEMOLITION FLOOR PLAN -
3rd FLOOR RESTROOM 3303
SCALE: 1/4" = 1'-0"

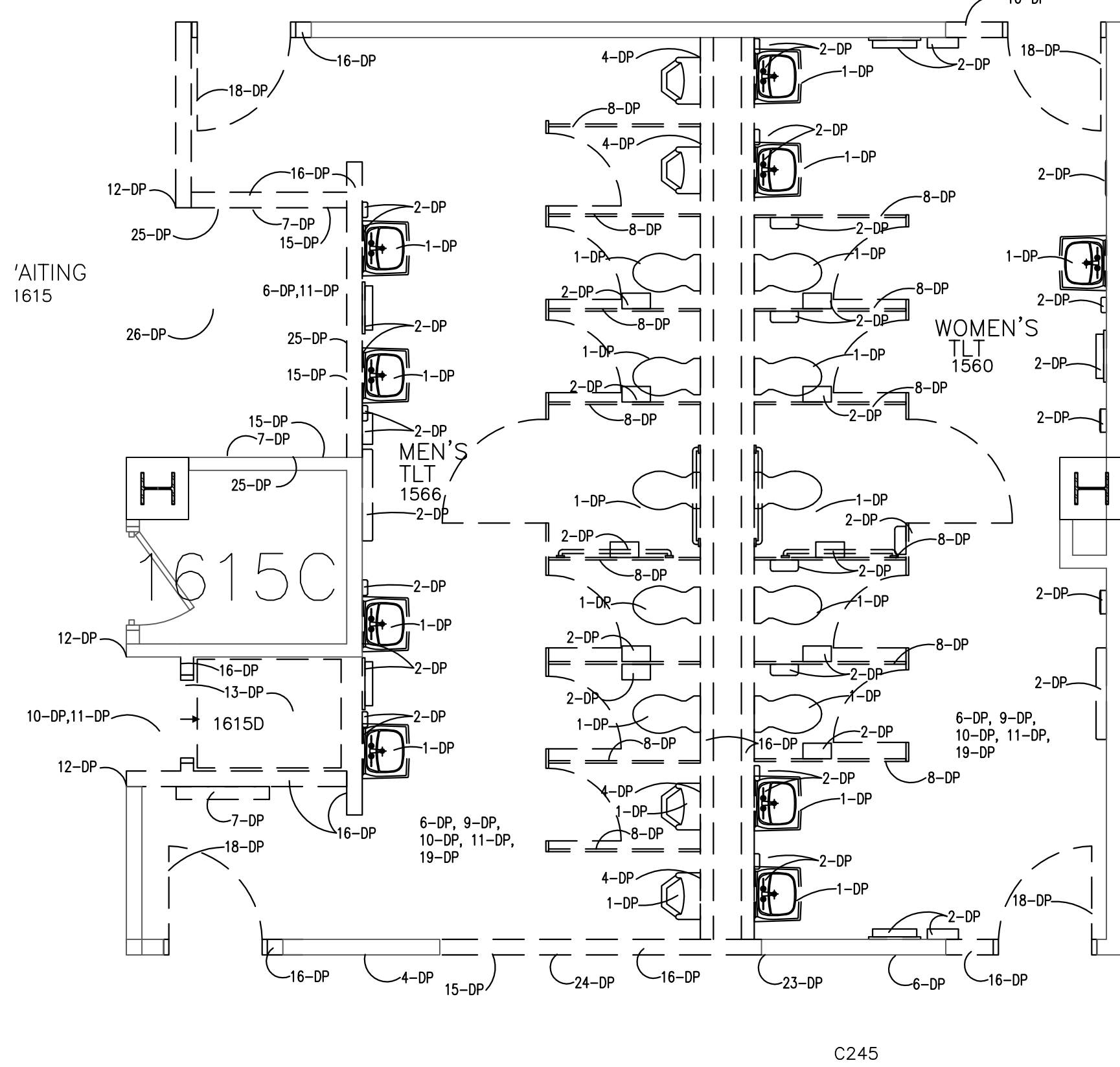
VA OMAHA
PARTIAL DEMOLITION FLOOR PLAN - 3rd FLOOR RESTROOM 3331
SCALE: 1/4" = 1'-0"



KEY PLAN - 3RD FLOOR
SCALE: NONE



KEY PLAN - LOWER LEVEL
SCALE: NONE

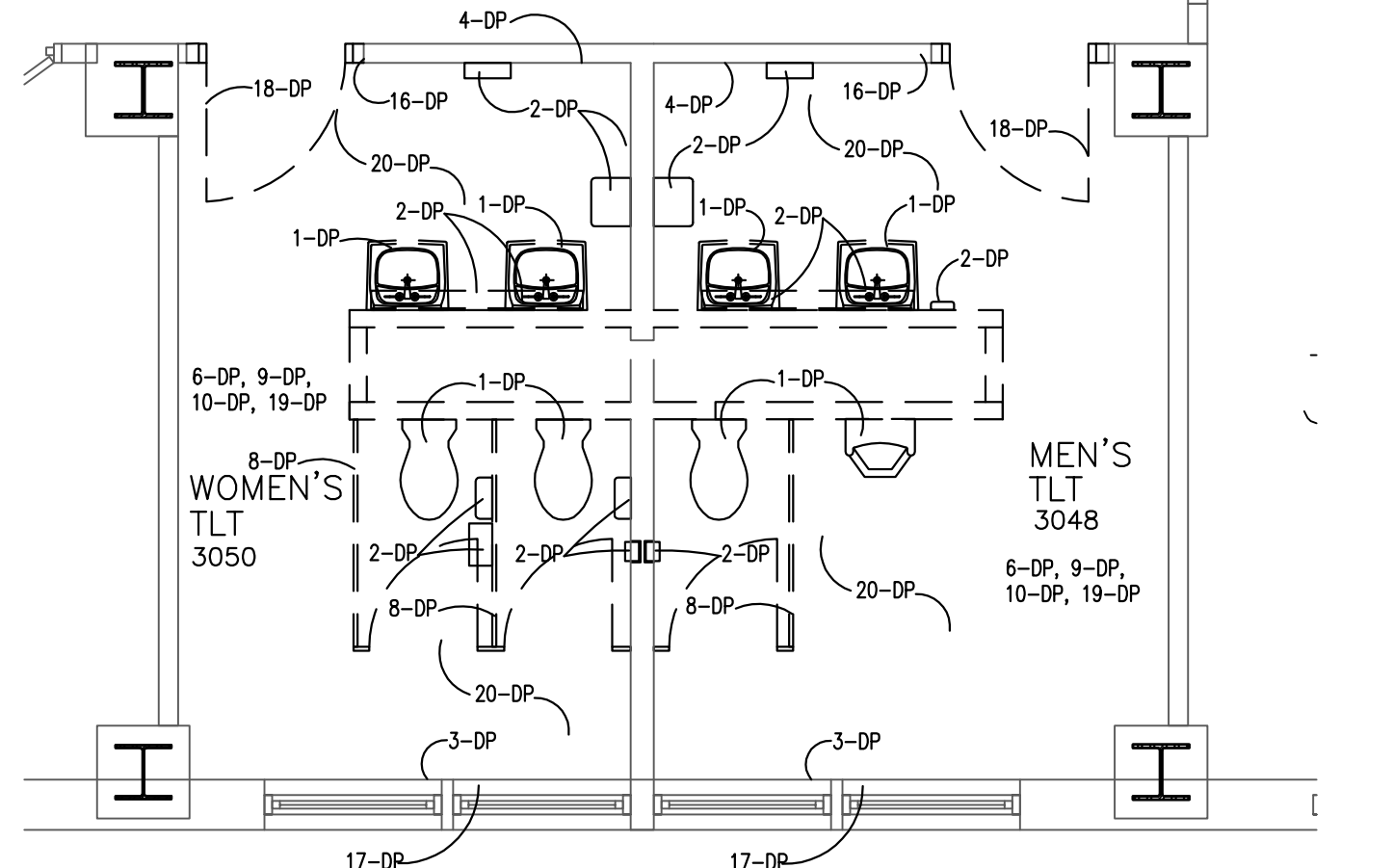


VA OMAHA
PARTIAL DEMOLITION FLOOR PLAN - 1st FLOOR RESTROOMS 1566 & 1560
SCALE: 1/4" = 1'-0"

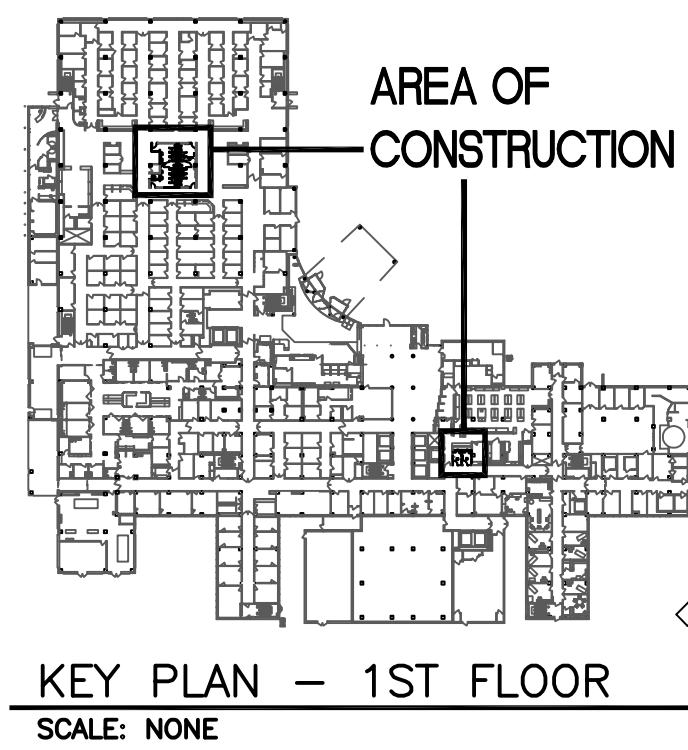
NOTE: DEMOLITION OF MEN'S & WOMEN'S RESTROOM
SHALL BE COORDINATED WITH GENERAL CONTRACTOR'S
PHASING PLAN

GENERAL DEMOLITION NOTES

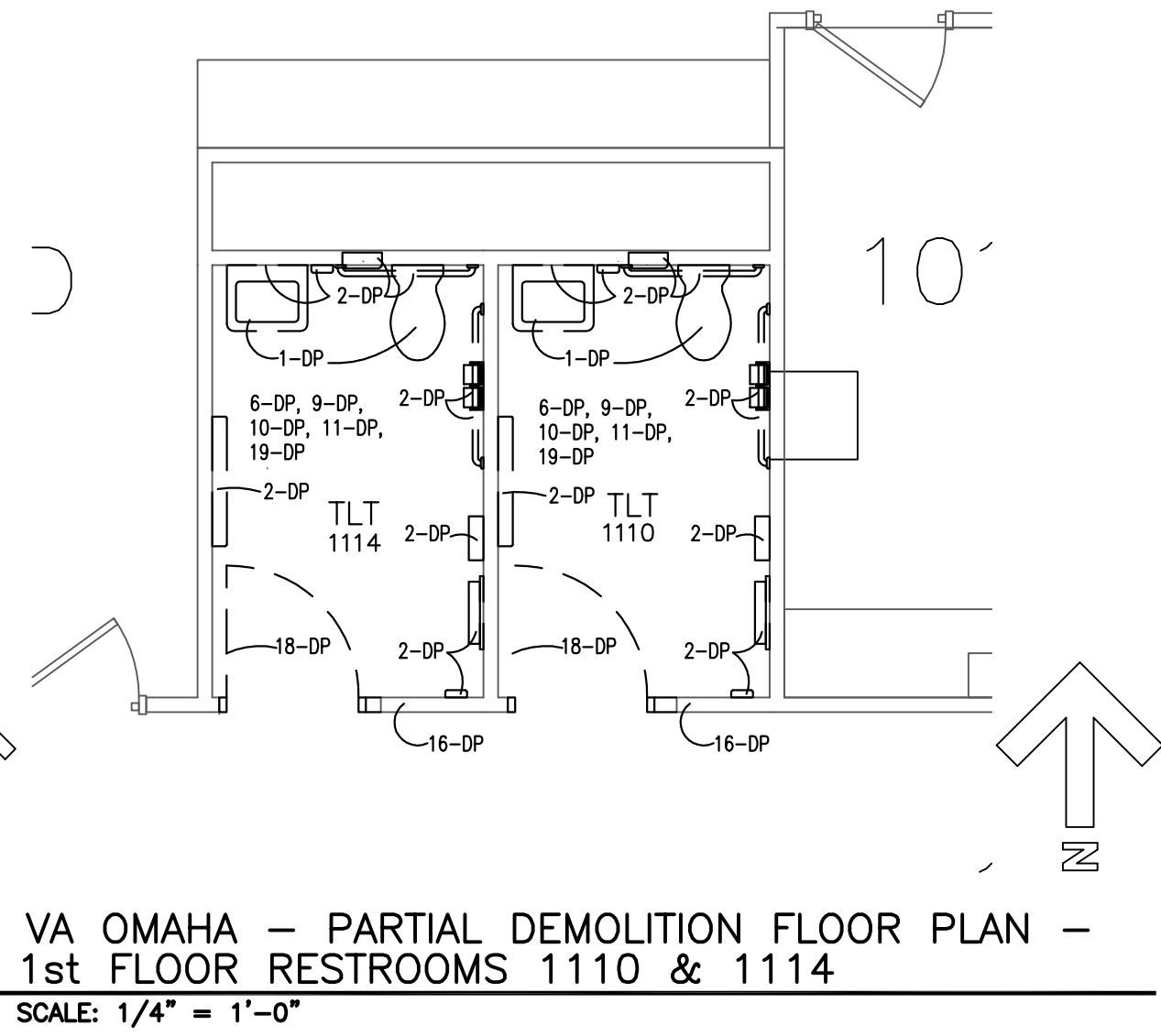
- DEMOLITION PLANS ARE GENERAL AND DIAGRAMMATIC IN NATURE. THE PLANS ARE NOT INTENDED TO REPRESENT THE TOTAL SCOPE OF WORK. THESE PLANS DO NOT SHOW EACH ITEM THAT IS REQUIRED TO BE REMOVED. EACH CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACTUAL CONDITIONS AS THEY EXIST IN THE FIELD THROUGH SITE INSPECTION AND REVIEW OF THESE DOCUMENTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE AND COORDINATE THE REMOVAL AND DEMOLITION WORK AS REQUIRED TO ACHIEVE THE FINAL PRODUCT AS INDICATED IN THESE DOCUMENTS.
- REFER TO ROOM FINISH SCHEDULE AND FINISH LEGEND FOR NEW FINISHES. REMOVE, CLEAN, PATCH/REPAIR EXISTING SURFACES/FINISHES AS NECESSARY FOR THE INSTALLATION OF ALL OTHER TRADE SCOPES AND NEWLY SCHEDULED FINISHES.
- THE OWNER AND HIS DESIGNATED REPRESENTATIVES HAVE FIRST RIGHT OF REFUSAL REGARDING SALVAGEABLE ITEMS. CONTRACTOR SHALL COORDINATE WITH OWNER.
- THE PLANS FOR THE EXISTING BUILDING MAY BE REVIEWED UPON REQUEST. THESE PLANS SHALL NOT BE CONSIDERED ACCURATE AND COMPLETE AS TO THE CONDITIONS AS THEY EXIST IN THE FIELD.
- EXISTING STRUCTURAL SYSTEM SHALL NOT BE REMOVED OR MODIFIED UNLESS APPROVED IN ADVANCE BY THE ARCHITECT. MODIFICATIONS TO THE FIRE PROTECTION AND FIRE RESISTIVE WALL OR FLOOR SYSTEMS SHALL BE RESTORED TO MAINTAIN THE REQUIRED RATING.
- REMOVE ALL EXISTING FLOOR FINISHES WHERE NEW FINISHES ARE SCHEDULED. EXISTING FLOOR, WALL TILE AND MASTIC SHOULD BE TESTED FOR ASBESTOS. PREP EXISTING FLOOR SURFACE AS NECESSARY FOR NEWLY SCHEDULED FINISHES.
- REMOVE EXISTING ITEMS AS REQUIRED FOR REUSE IN THE NEW PLAN OR NEW FINISH. CATALOG AND STORE ITEMS IN A SAFE STORAGE AREA SUBJECT TO THE OWNER'S APPROVAL UNTIL THE TIME OF REINSTALLATION. LOST ITEMS SHALL BE REPLACED WITH COMPARABLE NEW ITEM AT NO COST TO THE OWNER.
- IF AT ANY TIME DURING EXECUTION OF THE CONTRACT REQUIREMENTS THE FIRE PROTECTION SYSTEM IS COMPROMISED, SEPARATE ALL OCCUPIED AREAS FROM DEMOLITION, RENOVATION, OR CONSTRUCTION ACTIVITIES BY TEMPORARY SMOKE-TIGHT CONSTRUCTION PARTITIONS OF GYPSUM BOARD OR OTHER APPROVED NON-COMBUSTIBLE OR LIMITED-COMBUSTIBLE MATERIAL. PARTITIONS SHALL BE FULL HEIGHT, EXTENDING THROUGH SUSPENDED CEILINGS TO THE FLOOR SLAB OR ROOF DECK ABOVE AND SHALL BE ONE-HOUR FIRE RATED, UNLESS SPRINKLERS ARE INSTALLED AND ARE OPERATIONAL ON BOTH SIDES OF THE TEMPORARY PARTITION WHEREUPON THE PARTITION MAY BE PERMITTED TO TERMINATE AT THE CEILING IN ACCORDANCE WITH NFPA 241. SPRINKLERS ARE CONSIDERED TO BE OPERATIONAL WHEN THEY ARE INSTALLED IN ACCORDANCE WITH NFPA 13 (SPACING, PROTECTION, DISTANCE FROM THE CEILING, ETC.) THE FIRE PROTECTION SYSTEM IS CONSIDERED TO BE COMPROMISED IF ONE OR MORE CEILING TILE IS REMOVED OR HARD CEILING IS OPENED FOR A PERIOD OF FOUR HOURS OR MORE. IF CEILING TILE ARE REMOVED OR THE HARD CEILING IS OPENED FOR LESS THAN FOUR HOURS THE ONE-HOUR FIRE RATED PARTITION IS NOT REQUIRED, HOWEVER, A FIRE WATCH MUST BE MAINTAINED AND THE AREA CANNOT BE LEFT UNATTENDED.



VA OMAHA - PARTIAL DEMOLITION FLOOR PLAN -
3rd FLOOR RESTROOMS 3048 & 3050
SCALE: 1/4" = 1'-0"



KEY PLAN - 1ST FLOOR
SCALE: NONE



VA OMAHA - PARTIAL DEMOLITION FLOOR PLAN -
1st FLOOR RESTROOMS 1110 & 1114
SCALE: 1/4" = 1'-0"

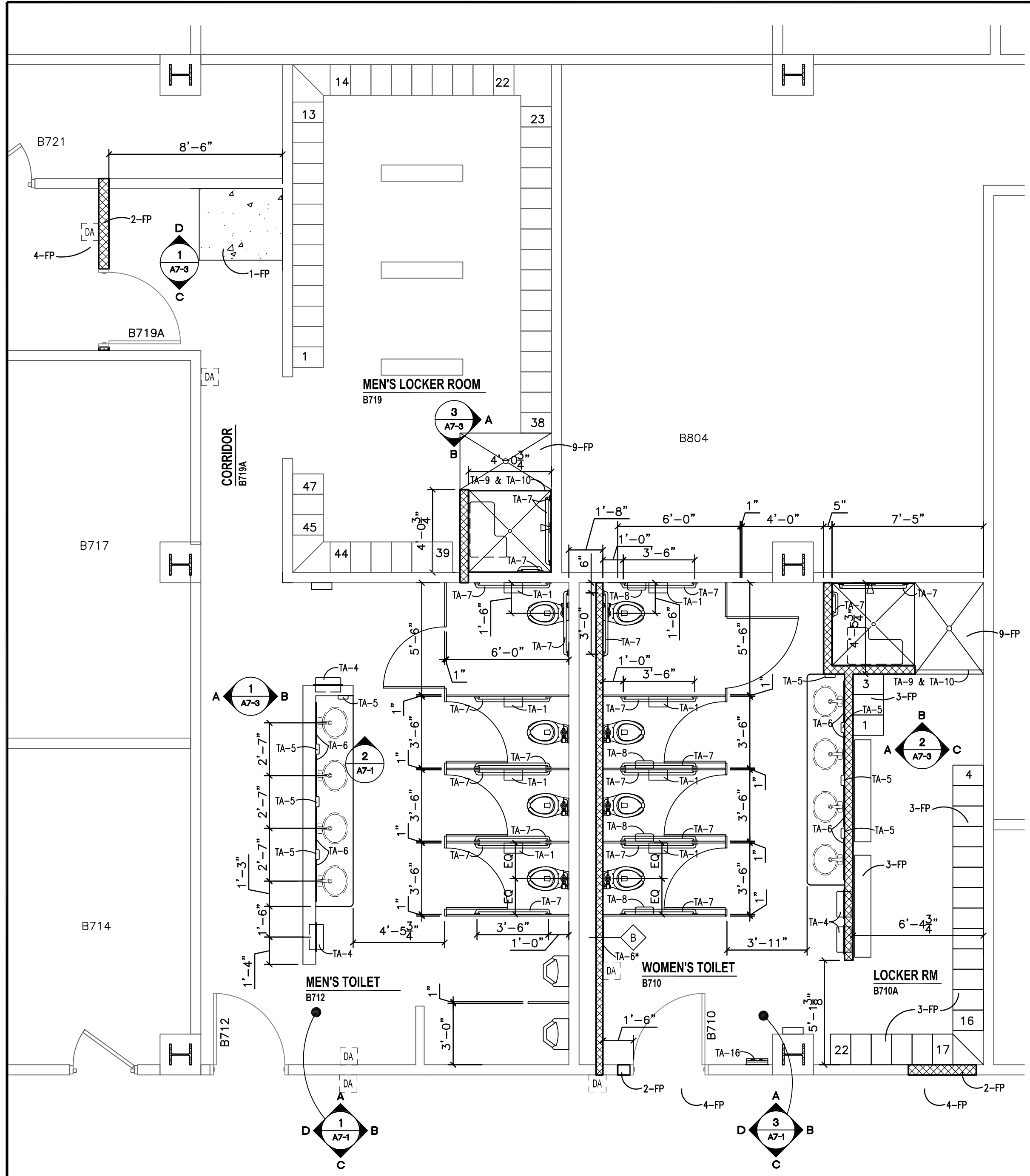
CODED DEMOLITION NOTES (DP-)

- REMOVE EXISTING SINK, TOILETS, URINALS, LAV'S AND ALL ASSOCIATED FIXTURES, PIPING. SEE GENERAL DEMOLITION NOTE #3. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- REMOVE ALL EXISTING TOILET ROOM ACCESSORIES, I.E. PAPER TOWEL DISPENSERS, TOILET PAPER DISPENSERS, GRAB BARS, BABY CHANGING STATIONS, SOAP DISPENSERS, SHARPS CONTAINERS, MIRRORS, PAPER TOWEL / WASTE UNITS, NAPKIN DISPOSALS, NAPKIN DISPENSERS, S.S. SHELVES, ROBE HOOKS, HAND DRYERS AND ETC.. SEE GENERAL DEMOLITION NOTE #3.
- REMOVE EXISTING MECHANICAL GRILL TO HEATING UNIT, CLEAN STORE AND PAINT TO MATCH NEW FINISHES.
- REMOVE ALL MISCELLANEOUS WALL MOUNTED ITEMS. SEE GENERAL DEMOLITION NOTE #3.
- REMOVE EXISTING ACCESS PANELS AND FRAMES, CLEAN STORE AND PAINT TO MATCH NEW FINISHES.
- REMOVE EXISTING WALL MOUNTED ELECTRICAL ITEMS. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- REMOVE EXISTING CASEWORK, COUNTERTOPS. REMOVE ALL ANCHORS, FASTENERS, ADHESIVES AND OTHER MISCELLANEOUS ITEMS ASSOCIATED WITH THE CASEWORK.
- REMOVE EXISTING TOILET / URINAL PARTITIONS, HARDWARE, ANCHORS & SUPPORT FRAMING. SEE GENERAL DEMOLITION NOTE #3.
- REMOVE EXISTING WALL TILE, BACKING AND ADHESIVES IN THERE ENTIRETY
- REMOVE EXISTING SHEET VINYL, VCT AND CERAMIC TILE FLOORING AND ALL TRANSITION STRIPS, BASE AND ADHESIVES. PREPARE SUB FLOOR FOR SCHEDULED FINISHES.
- REMOVE EXISTING ACOUSTICAL TILE, CEILING GRID, SUPPLY DIFFUSERS, RETURN AIR GRILLES AND ALL OTHER MISCELLANEOUS ITEMS ASSOCIATED WITH CEILING SYSTEM. SEE GENERAL DEMOLITION NOTE #3. SEE MECHANICAL & ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- REMOVE EXISTING CORNER GUARDS AND SUPPORT BRACKET AND MISCELLANEOUS ANCHORS. SALVAGE FOR RE-INSTALLATION.
- REMOVE EXISTING DUMB WATER PLATFORM, DOORS, FRAMES, SUPPORT BRACKETS / STEEL AND MISCELLANEOUS ANCHORS.
- REMOVE EXISTING LOCKERS AND BENCHES. STORE LOCKERS, BENCH SUPPORTS AND WOOD BENCHES FOR RE-INSTALLATION.
- REMOVE EXISTING VINYL WALL BASE AND ALL ADHESIVES.
- REMOVE WALL / PORTION OF EXISTING WALL PARTITION AS SHOWN. PREPARE WALL TO RECEIVE NEW FINISHES. COORDINATE WITH ARCHITECTURAL DRAWINGS.
- REMOVE EXISTING WINDOW STOOL AND PREPARE SILL AREA TO RECEIVE NEW WINDOW STOOL.
- REMOVE EXISTING DOOR, FRAME, HARDWARE AND ALL MISCELLANEOUS ANCHORS. SEE GENERAL DEMOLITION NOTE #3.
- REMOVE ALL GYPSUM WALL BOARD WITHIN THE TOILET ROOMS AND PREPARE STUDS TO RECEIVE NEW GREEN BOARD AND SOUND PROOF INSULATION.
- REMOVE EXISTING CEILING LIGHTS, MECHANICAL GRILLES, MISCELLANEOUS CEILING ITEMS, GYPSUM BOARD CEILING, METAL FRAMING SUPPORTS AND ALL ASSOCIATED MISCELLANEOUS ANCHORS.
- REMOVE & SALVAGE EXISTING LOCKERS & BENCH'S FOR OWNER.
- REMOVE EXISTING RAISED LOCKER PLATFORM AS NECESSARY FOR INSTALLATION OF NEW SHOWER-BASE & ADA CLEAR FLOOR SPACE AT SHOWER ENTRANCE.
- REMOVE EXISTING GLASS DISPLAY CASE & SALVAGE FOR OWNER.
- REMOVE & REUSE EXISTING HANDRAIL AS REQUIRED FOR NEW CONSTRUCTION. COORDINATE REMOVAL WITH ARCHITECTURAL PLANS.
- REMOVE EXISTING CHAIR RAIL & SALVAGE FOR REINSTALLATION ON NEW WALLS.
- REMOVE EXISTING CARPET FLOORING & ALL ADHESIVES IN AREA OF NEW PROPOSED CONSTRUCTION. PREPARE SUB-FLOOR FOR SCHEDULED FINISHES.
- REMOVE PORTION OF EXISTING FLOOR FOR INSTALLATION OF NEW TERRAZZO SHOWER BASE AND FLOOR DRAIN AT SHOWER OPENING.

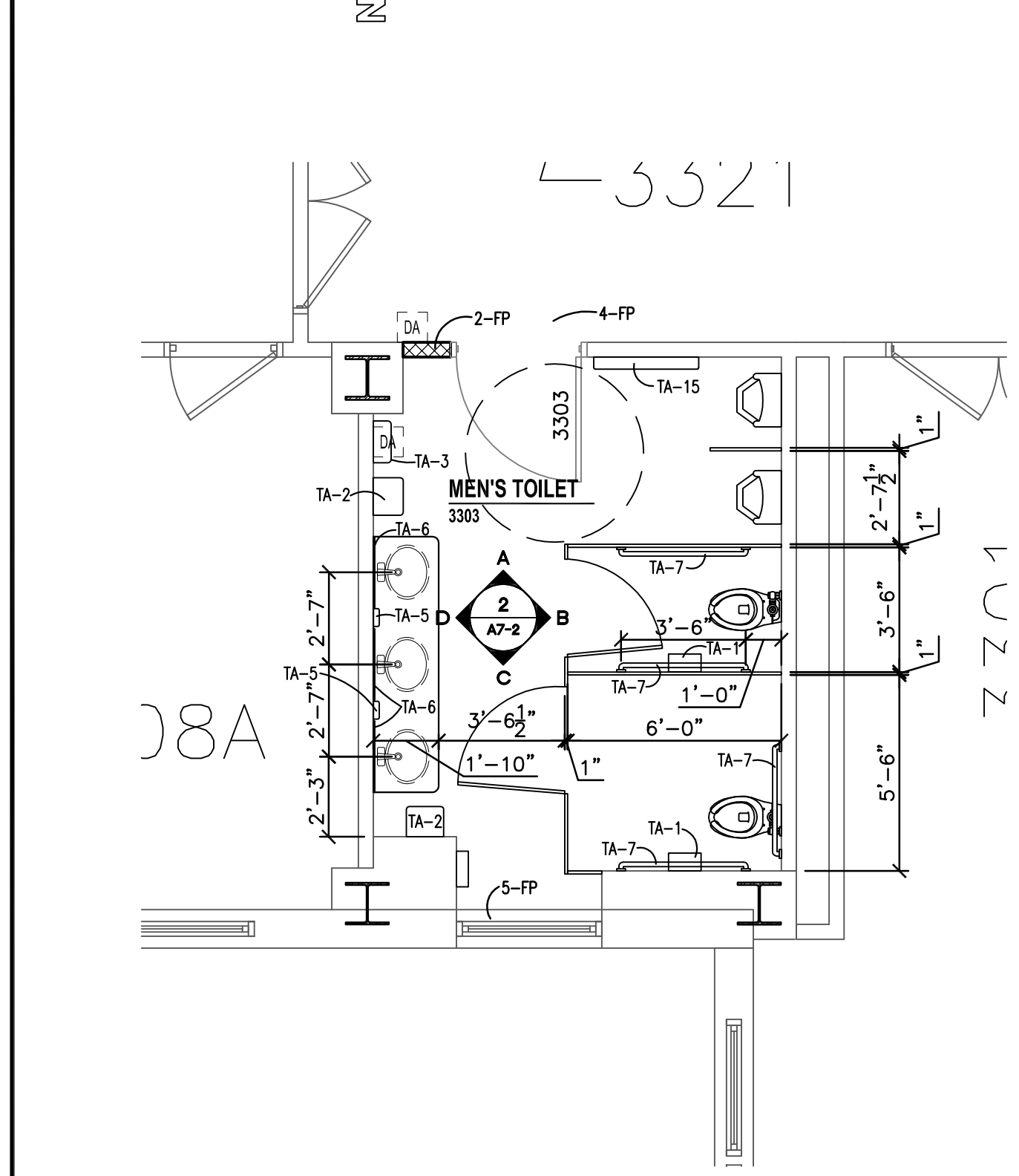
CONSULTANTS: SPECIALIZED ENGINEERING SOLUTIONS 11235 Davenport Street Suite 104 Omaha, NE 68154 Phone: 402.991.5520 Fax: 402.991.5394 www.specializedeng.com		ARCHITECT/ENGINEERS: ALTUS architectural studios 2020 West Omaha Road Omaha, NE 68122 Phone: 402.334.4422 Fax: 402.334.4000 altusstudio.com architectural studios planning		Drawing Title LOWER LEVEL, 1st & 3rd FLOOR DEMO PLANS Approved Project Director		Project Title RENOVATE RESTROOMS NWIHCS Location OMAHA Date 7-13-2012 Checked MJH Drawn RGG		Project Number 636-12-108 Building Number Drawing Number A1-1 Dwg. 2 of 8		Office of Construction and Facilities Management Department of Veterans Affairs	
Revisions:		Preliminary: Not For Construction									

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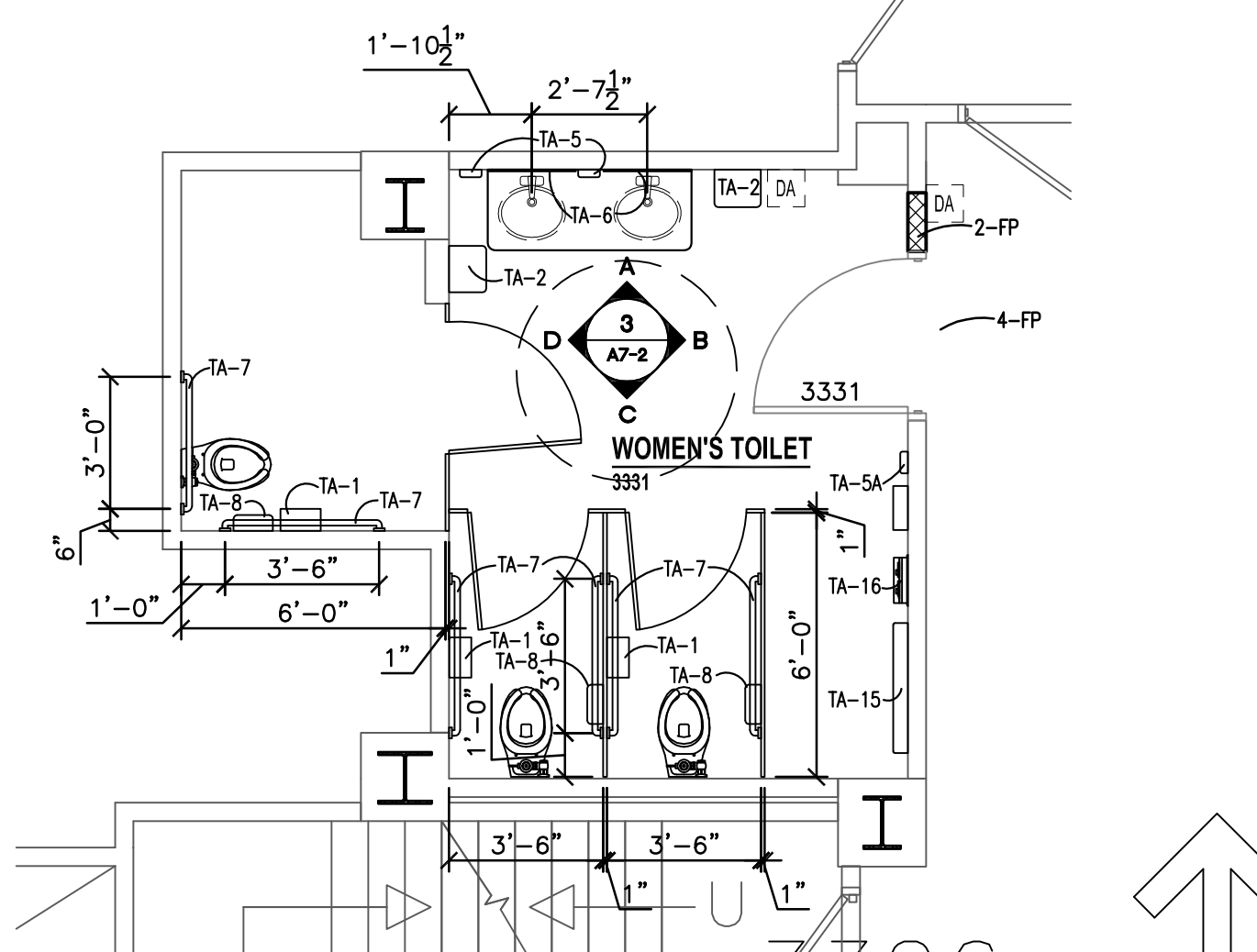
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ninety eight inches = one foot
ninety nine inches = one foot
one hundred inches = one foot



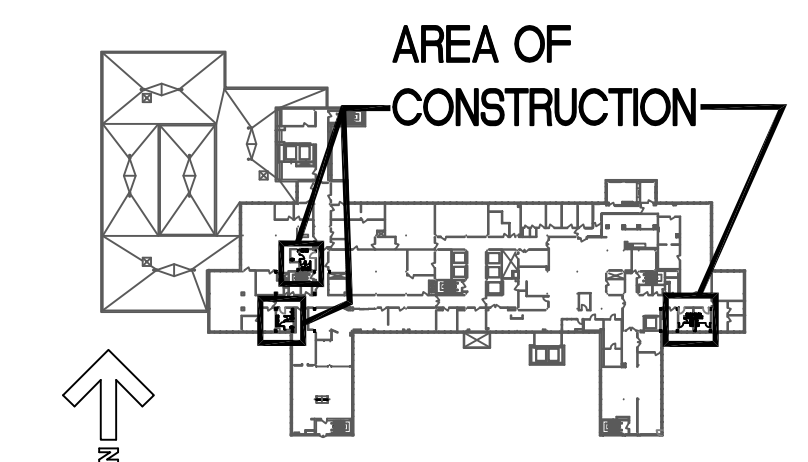
VA OMAHA
PARTIAL FLOOR PLAN - LOWER LEVEL RESTROOMS B712 & B710
SCALE: 1/4" = 1'-0"



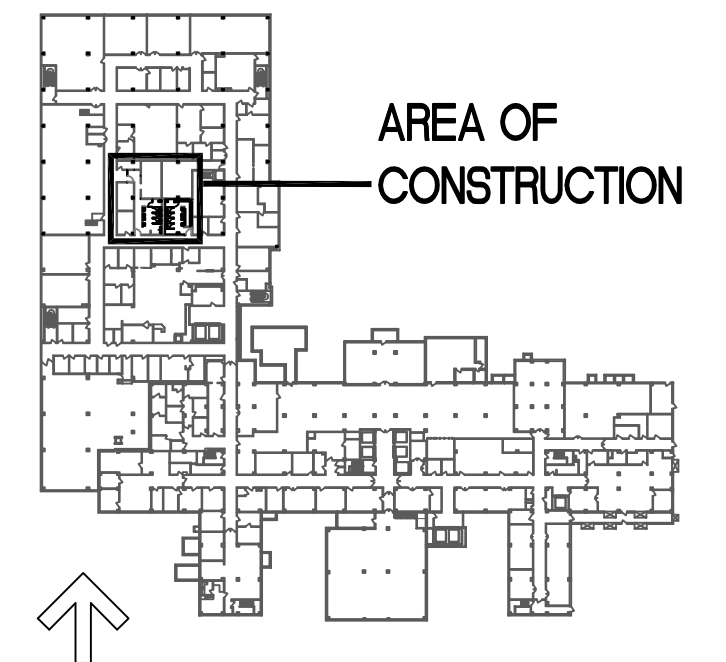
VA OMAHA
PARTIAL FLOOR PLAN - 3rd FLOOR RESTROOM 3303
SCALE: 1/4" = 1'-0"



VA OMAHA
PARTIAL FLOOR PLAN - 3rd FLOOR RESTROOM 3331
SCALE: 1/4" = 1'-0"

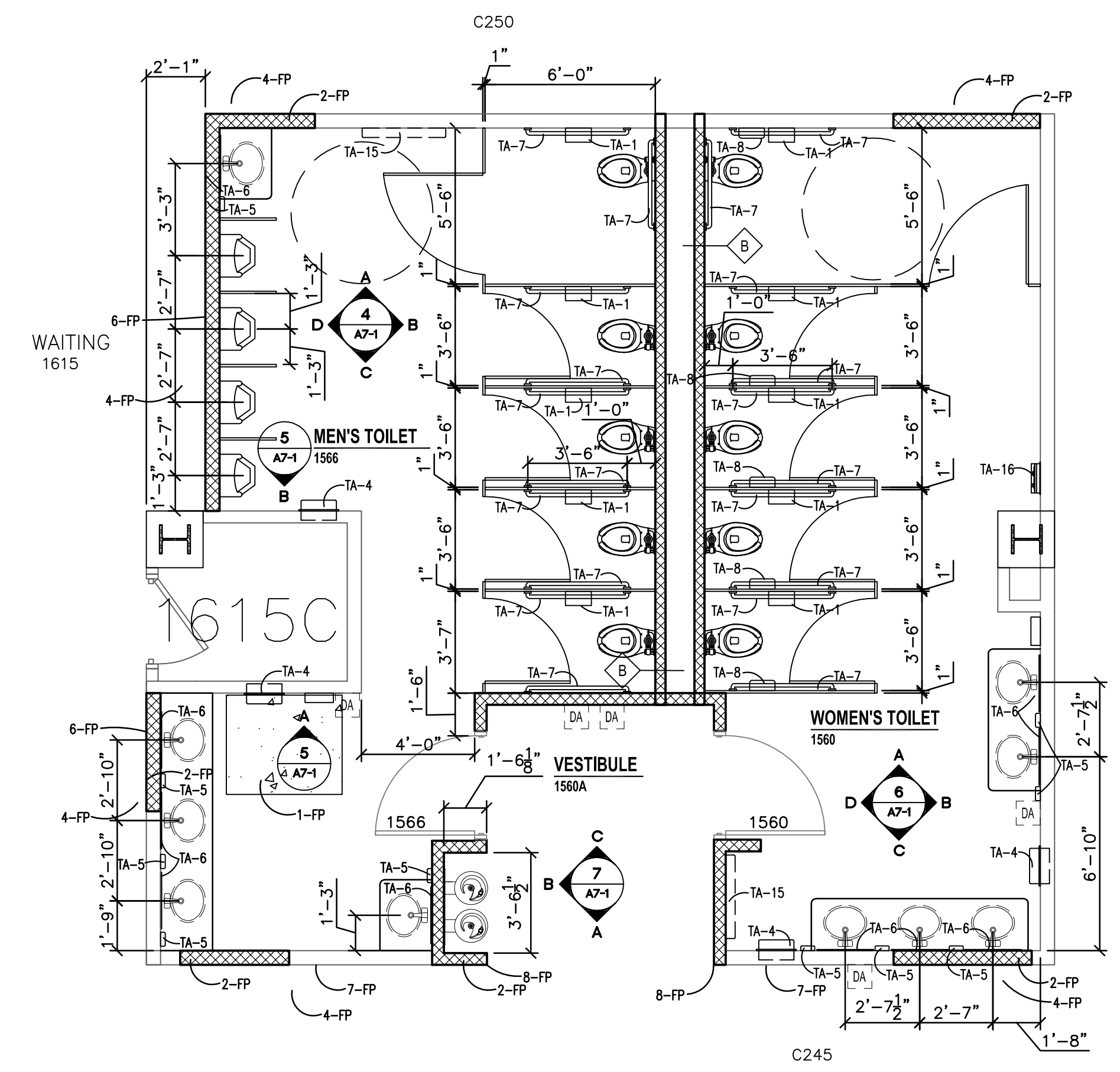


KEY PLAN - 3RD FLOOR
SCALE: NONE

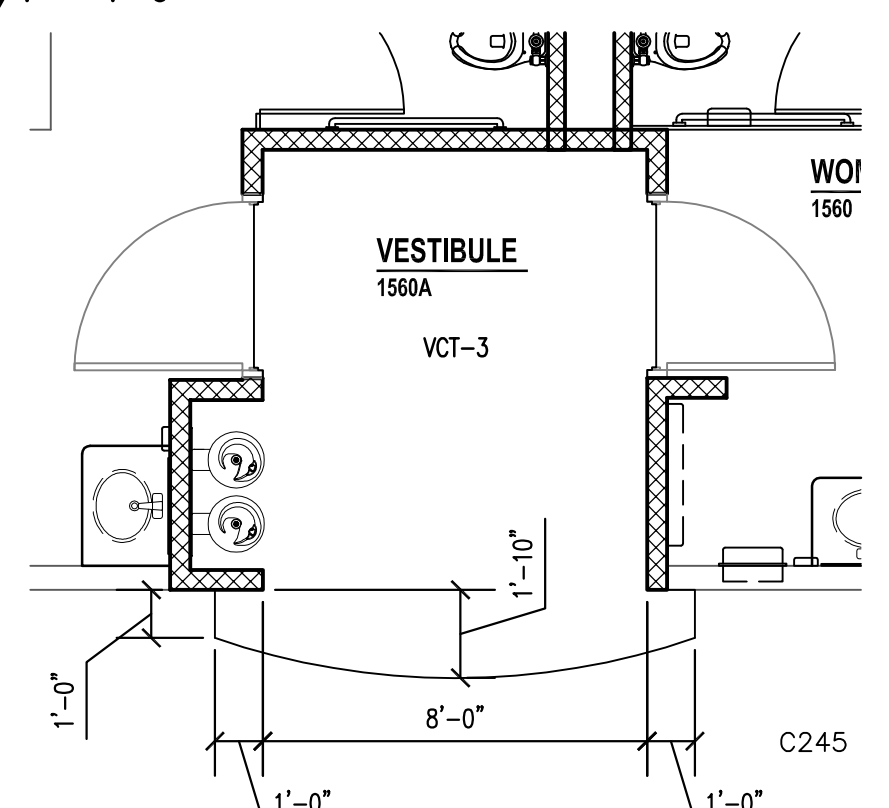


KEY PLAN - LOWER LEVEL
SCALE: NONE

- FLOOR PLAN NOTES (FP)**
- 1-FP CONCRETE INFILL OVER METAL DECKING AND STRUCTURAL STEEL SUPPORTS ATTACHED TO EXISTING STRUCTURAL FRAMING AT DUMBWATER LOCATION. SEE 7/A3-1
 - 2-FP PROVIDE METAL WALL STUD AND 5/8" GWB BOTH SIDES, FINISHES TO MATCH EXISTING WALL THICKNESS. NEW FINISHES TO ALIGN WITH EXISTING WALL FINISHES. MATCH EXISTING WALL FINISHES UNLESS NOTED OTHERWISE ON ROOM FINISH SCHEDULE.
 - 3-FP EXISTING LOCKERS & BENCHES TO BE RE-INSTALLED AFTER NEW ROOM FINISHES HAVE BEEN INSTALLED.
 - 4-FP PATCH AND REPAIR EXISTING ACOUSTICAL CEILING TILE AND GRID AS NECESSARY WHERE NEW WALLS OCCUR AT CORRIDOR. FINISHES AT EXISTING CORRIDORS SHALL MATCH EXISTING AND NEW WORK TO BE FLUSH WITH EXISTING.
 - 5-FP PROVIDE A NEW SOLID SURFACE MATERIAL (SSM-) WINDOW SILL TREATMENT AS SCHEDULED. SEE 3/A3-1.
 - 6-FP RE-INSTALL EXISTING SALVAGED CHAIR RAIL AS REQUIRED FOR NEW CONSTRUCTION. CHAIR RAIL MAY NEED TO BE REWORKED TO FIT NEW LAYOUT. SEE ARCHITECTURAL PLANS.
 - 7-DP RE-INSTALL EXISTING SALVAGED HAND RAIL AS REQUIRED FOR NEW CONSTRUCTION. EXISTING HAND RAIL MAY NEED TO BE REWORKED TO FIT NEW LAYOUT. SEE ARCHITECTURAL PLANS.
 - 8-FP EXISTING SALVAGED CORNER GUARDS RE-INSTALLED AT NEW LOCATION.
 - 9-FP REMOVE PORTION OF EXISTING FLOOR FOR INSTALLATION OF NEW FLOOR DRAIN. PROVIDE POSITIVE SLOPE TO DRAIN.

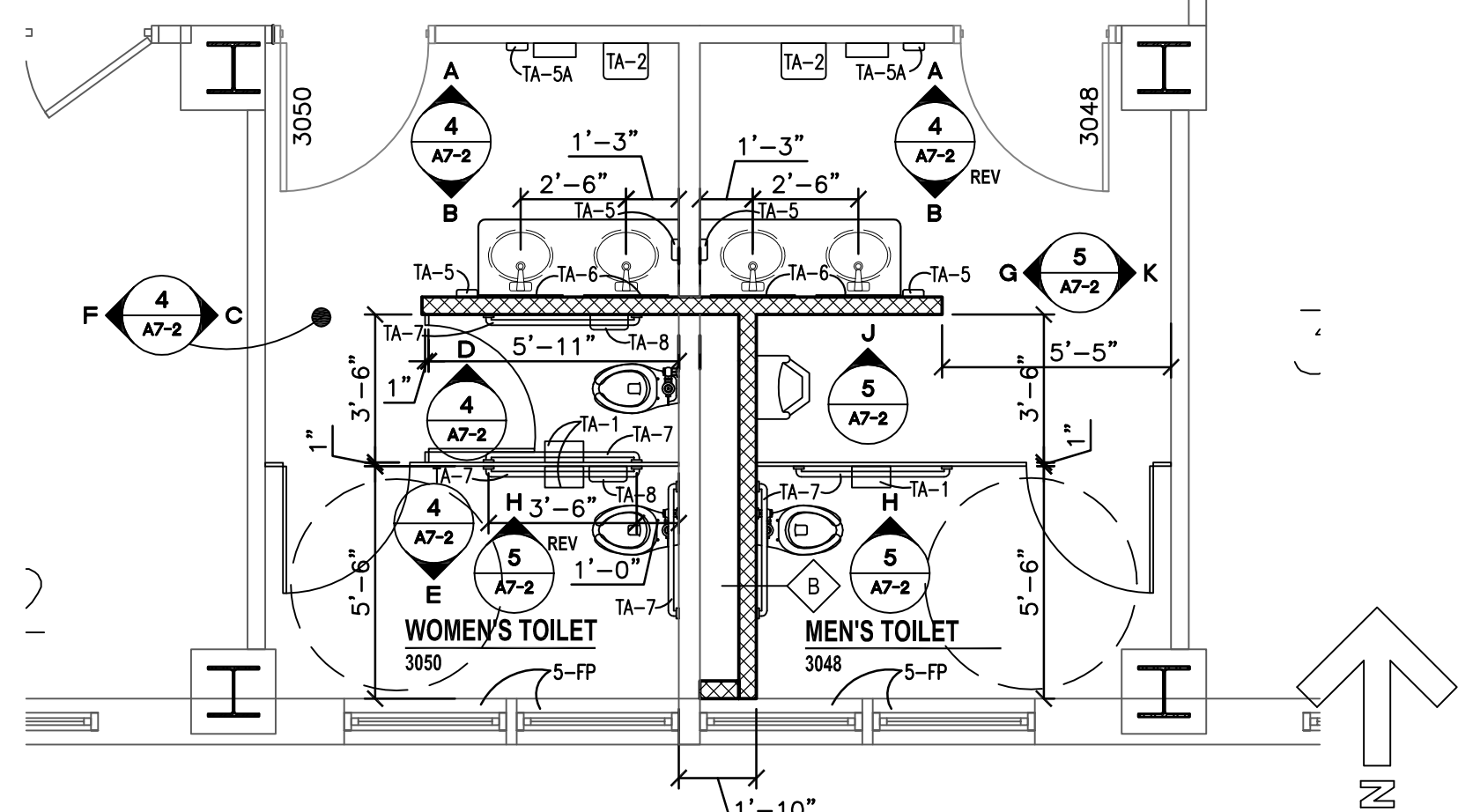


VA OMAHA
PARTIAL FLOOR PLAN - 1st FLOOR RESTROOMS 1566 & 1560
SCALE: 1/4" = 1'-0"



VA OMAHA - FLOORING LAYOUT -
1st FLOOR RESTROOMS VESTIBULE 1560A
SCALE: 1/4" = 1'-0"

- GENERAL FLOOR PLAN NOTES**
1. RESTROOMS SCHEDULED FOR RENOVATION MAY NEED TO BE DONE IN PHASES. COORDINATE PHASING WITH OWNER. A FEMALE AND MALE RESTROOM MUST REMAIN FULLY OPERATIONAL AT ALL TIMES THROUGHOUT THE DURATION OF THIS CONTRACT AND DIRECTIONAL SIGNAGE SHALL BE PROVIDED TO DIRECT VETERANS AND VISITORS TO THE ADDITIONAL RESTROOMS.
 2. ALL NEW CONSTRUCTION IS INDICATED ON BOLD/FULL TONE.
 3. PROVIDE BACKING AT ALL LOCATIONS WHERE EQUIPMENT IS SHOWN OR NOTED. SEE 5/A3-1 FOR TYPICAL BACKING DETAILS.
 4. AT THE END OF EACH CONSTRUCTION WORK DAY AREA SHALL BE PICKED UP, SWEEPED AND PUT INTO ORDERLY CONDITION.
 5. AT THE END OF EACH CONSTRUCTION WORK DAY AREA SHALL BE LOCKED AND SECURED. COORDINATE WITH OWNER'S SECURITY STAFF.
 6. ALL DIMENSIONS ARE TO FINISH WALL SURFACE UNLESS NOTED OTHERWISE.
 7. REFER TO ROOM FINISH SCHEDULE AND FINISH LEGEND FOR NEW FINISHES. REMOVE, CLEAN, PATCH/REPAIR EXISTING/ SURFACES/FINISHES AS NECESSARY FOR THE INSTALLATION OF NEWLY SCHEDULED FINISHES.
 8. EXISTING STRUCTURAL SYSTEM SHALL NOT BE REMOVED OR MODIFIED UNLESS APPROVED IN ADVANCE BY THE ARCHITECT. MODIFICATIONS TO THE FIRE PROTECTION AND FIRE RESISTIVE WALL OR FLOOR SYSTEMS SHALL BE RESTORED TO MAINTAIN THE REQUIRED RATING.
 9. ALL FLOORS OF THE BUILDING SHALL REMAIN OCCUPIED DURING CONSTRUCTION. COORDINATE AND PROVIDE TEMPORARY INSTALLATIONS AND ENCLOSURES AS NECESSARY TO SEPARATE/PROTECT THE OCCUPIED AREAS FROM DEMOLITION AND CONSTRUCTION ACTIVITIES.
 10. REMOVE ALL EXISTING FLOOR FINISHES WHERE NEW FINISHES ARE SCHEDULED. PREP EXISTING FLOOR SURFACE AS NECESSARY FOR NEWLY SCHEDULED FINISHES. PROVIDE SELF-LEVELING CONCRETE FLOOR UNDERLAYMENT AS REQUIRED TO ACHIEVE A SMOOTH, LEVEL SUBSTRATE FOR FLOOR FINISHES. SEE GENERAL DEMOLITION NOTE #6.
 11. ALL CONTRACTORS SHALL INSPECT THE SITE, REVIEW THE DRAWINGS AND SPECIFICATIONS AND BE FULLY INFORMED AS TO WORK REQUIRED TO FULFILL THE CONTRACT PRIOR TO BIDDING.
 12. ALL CONTRACTORS SHALL TAKE ALL MEASUREMENTS FOR THE WORK AND BE RESPONSIBLE FOR SAME. COORDINATED THE WORK AND SHOP DRAWINGS WITH ALL OTHER TRADES AFFECTED AND MAKE ANY NECESSARY OFFSETS TO CONCEAL PIPING AND DUCTWORK AND TO CLEAR EQUIPMENT, STRUCTURAL MEMBERS AND OTHER OBSTRUCTIONS.
 13. ALL MATERIALS AND EQUIPMENT SHALL BE NEW, OF THE BEST QUALITY AND FREE FROM DEFECTS.
 14. ALL WORK SHALL COMPLY WITH APPLICABLE REGULATIONS, CODES AND ORDINANCES. NOTIFY ARCHITECT OF ANY CODE VIOLATIONS BEFORE COMMENCING WITH WORK.
 15. IN ANY DISCREPANCY BETWEEN PLANS AND THE SPECIFICATIONS THE CONTRACTOR SHALL ASSUME THE HIGHER COST OPTION FOR PURPOSES OF PRICING AND SHALL ASK THE ARCHITECT FOR CLARIFICATION.
 16. PROVIDE CONTROL JOINTS IN GYPSUM BOARD PARTITIONS ABOVE ALL DOORS AT THE CORNERS, ON BOTH SIDES OF WALL. PROVIDE CONTROL JOINTS IN ALL WALL RUNS EQUAL TO OR EXCEED 30'-0" CONTINUOUS.
 17. FIELD VERIFY DIMENSIONS. LAYOUT THE ENTIRE AREA WITHIN CONFINES OF EXISTING CONSTRUCTION AND RESOLVE ANY DISCREPANCIES PRIOR TO INSTALLATION OF ANY WALLS.
 18. THE CONTRACTOR SHALL PERFORM ALL TESTS AS SPECIFIED OR AS NECESSARY TO DEMONSTRATE A COMPLETE AND SATISFACTORY INSTALLATION.
 19. CONTRACTOR SHALL COORDINATE ALL ELECTRICAL DEVICE ROUGH-IN LOCATIONS AND ELEVATIONS.
 20. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE PROFESSIONALLY MADE SIGNS DIRECTING VETERANS AND VISITORS TO ADDITIONAL RESTROOMS THAT ARE TO BE USED WHILE ONE SET IS UNDER CONSTRUCTION. CONTRACTOR SHALL PURCHASE SIGNS FROM A PROFESSIONAL SIGN COMPANY. CONTRACTOR TO COORDINATE THE SIGN VERBAGE TO BE USED WITH THE OWNER'S CONSTRUCTION MANAGER ON SITE.
 21. ALL OWNER SUPPLIED SHARP'S CONTAINERS, ACCESSORIES AND ETC... SHALL BE INSTALLED BY CONTRACTOR. COORDINATE LOCATIONS WITH DRAWINGS AND OWNER.



VA OMAHA
PARTIAL FLOOR PLAN - 3rd FLOOR RESTROOMS 3048 & 3050
SCALE: 1/4" = 1'-0"

CONSULTANTS: 11230 Davenport Street Omaha, NE 68154 Phone: 402.991.5320 Fax: 402.991.5394 www.specializedeng.com		ARCHITECT/ENGINEERS: 12425 West Dodge Road Omaha, NE 68154 Phone: 402.342.4422 Fax: 402.354.9023 altusarch.com architects design planners		Drawing Title LOWER LEVEL, 1st & 3rd FLOOR PLANS	Project Title RENOVATE RESTROOMS NWHCS	Project Number 636-12-108	Office of Construction and Facilities Management
Revisions		Date		Approved Project Director	Location OMAHA	Building Number	
					Date 7-13-2012	Checked M.J.H.	
					Drawn R.G.G.	Drawing Number A1-2	Dwg. 3 of 8

INSTALL THESE ITEMS AT TYPICAL HEIGHTS SHOWN UNLESS NOTED OTHERWISE
(H) INDICATES HANDICAP LOCATION



Architectural drawings for a toilet partition. The left drawing is a cross-section showing the relationship between the window sill, sealant, window unit, and exterior wall. The right drawing is a side elevation showing the partition structure, including the window, toilet partition, and various fasteners and dimensions.

Left Drawing (Cross-Section):

- INSTALL SEALANT @ PERIMETER OF SILLS & AT MDW UNIT (TYP)
- NEW SOLID SURFACE MDW SILL (SSM-1) @ PREVIOUS QT SILL (TYP)
- SEALANT (TYP)
- NEW CT - TILE
- EXIST EXT WINDOW SYSTEM (TYP)
- EXIST EXTERIOR WALL SYSTEM TO REMAIN (TYP)

Right Drawing (Side Elevation):

- 3x3x1/4" W/ (2) 3/8" Ø-6" EXP BOLTS
- BOT OF STRUC
- CONT UNISTRUT CHANNEL P1000
- 5/8" Ø THREADED ROD @ 8'-0" OC
- 1 1/2x1 1/2x1/4"x0'-3" W/ (2) 3/8" Ø BOLTS TO CHANNEL
- 1 1/2x1 1/2x1/4" BRACE @ 5'-0" OC MAX EA. WAY
- CONT UNISTRUT CHANNEL P1001
- SUSP ACOUS CLO
- MET TRIM BY PTN MFR
- TOILET PARTITION

4 TOILET PARTITION HANGER SUPPORT

9 HEAD DETAIL

10 SECTIONS • RESTROOM LAVS

**Preliminary:
Not For
Construction**



Project Number	636-12-10
Building Number	

Office of
Construction
and Facilities
Management

 Department of
Veterans Affairs

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three inches = one foot

one and one half inches = one foot

one inch = one foot

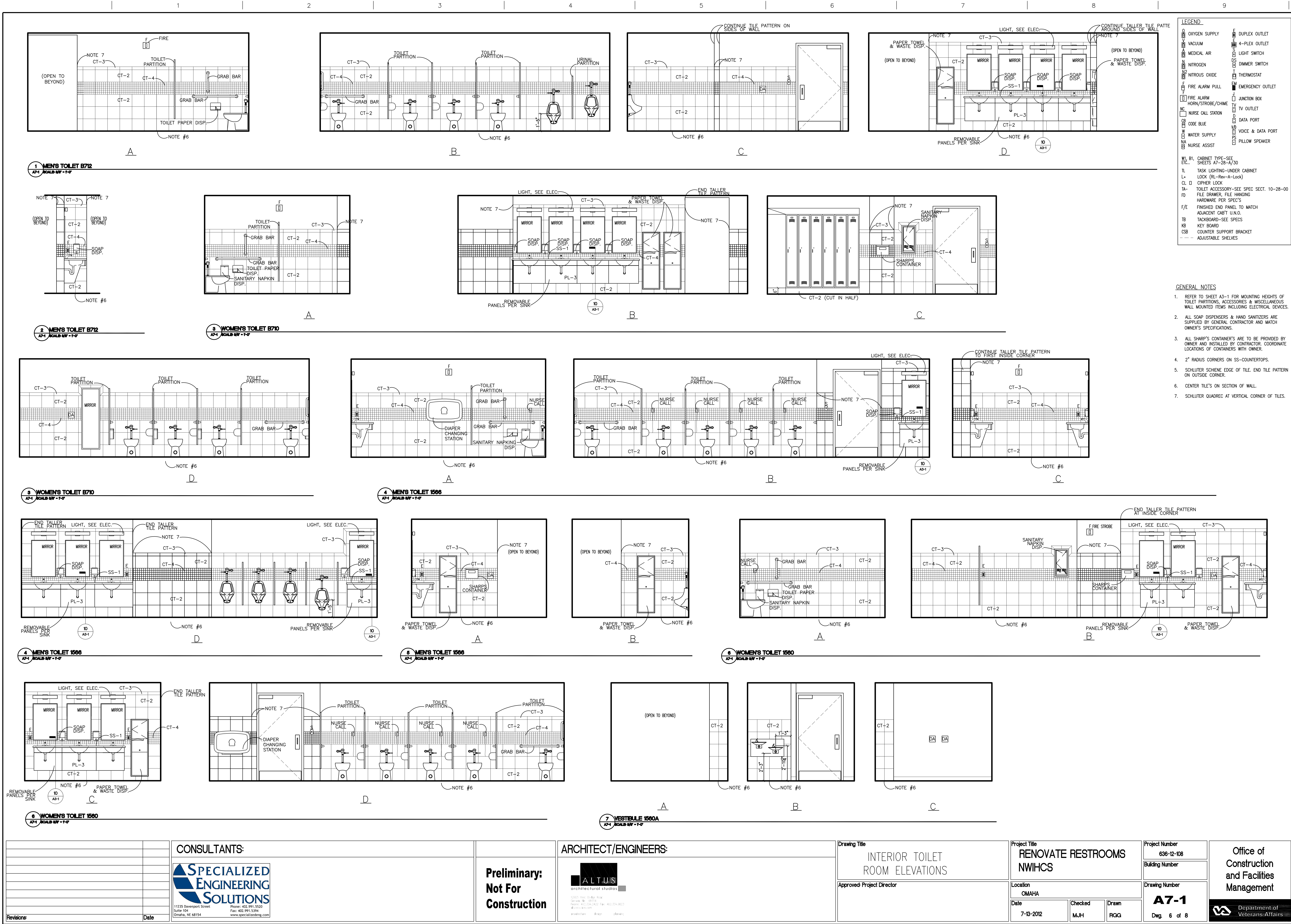
three quarters inch = one foot

one half inch = one foot

one quarter inch = one foot

one eighth inch = one foot

one sixteenth inch = one foot



CONSULTANTS: SPECIALIZED ENGINEERING SOLUTIONS 11238 Davenport Street Suite 104 Omaha, NE 68154 Phone: 402.991.5320 Fax: 402.991.5394 www.specializedeng.com		ARCHITECT/ENGINEERS: ALTUS architectural studios 12425 West Dodge Road Lincoln, NE 68514 Phone: 402.346.4452 Fax: 402.354.9023 altusinc.com mccormick design planning		Drawing Title INTERIOR TOILET ROOM ELEVATIONS Approved Project Director		Project Title RENOVATE RESTROOMS NWIHCs Location OMAHA Date 7-13-2012 Checked M.J.H. Drawn R.G.G.		Project Number 636-12-108 Building Number Drawing Number A7-1 Dwg. 6 of 8		Office of Construction and Facilities Management Department of Veterans Affairs	
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three inches = one foot

one and one half inches = one foot

one inch = one foot

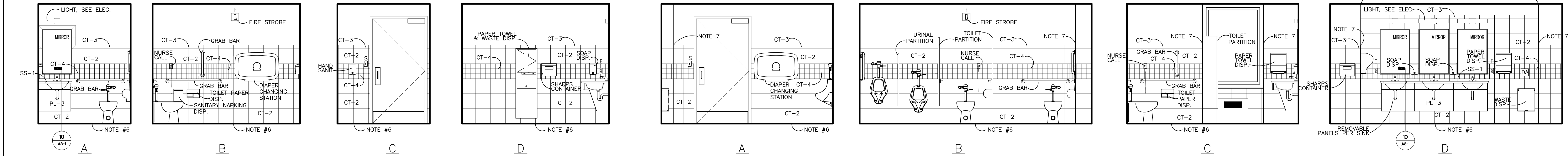
three quarters inch = one foot

one half inch = one foot

one quarter inch = one foot

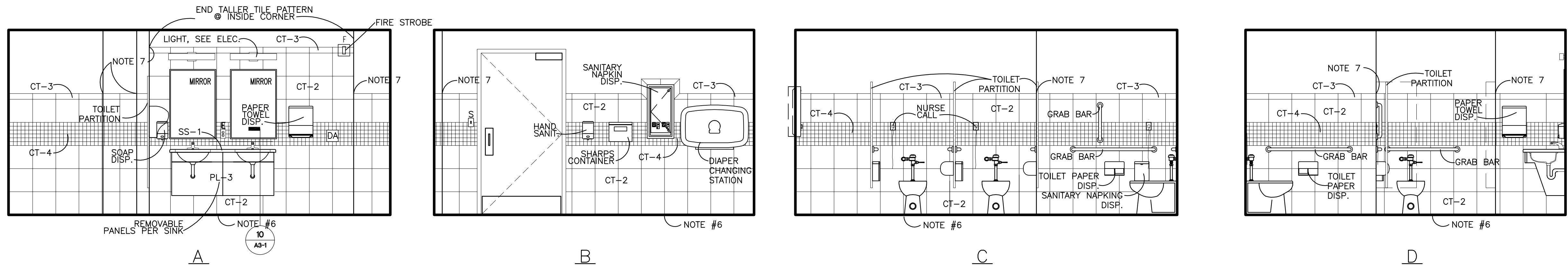
one eighth inch = one foot

one eighth inch = one foot

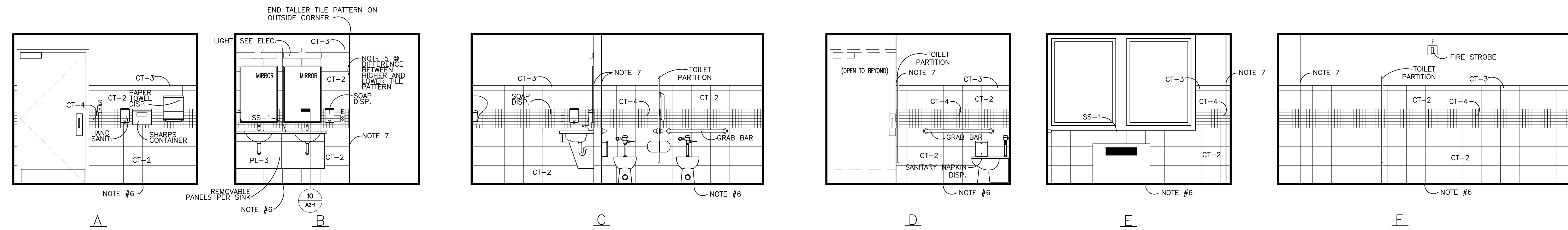


1 WOMENS - FAMILY TOILET 110 - 114
A7-2 SCALE 3/4" = 1'-0"

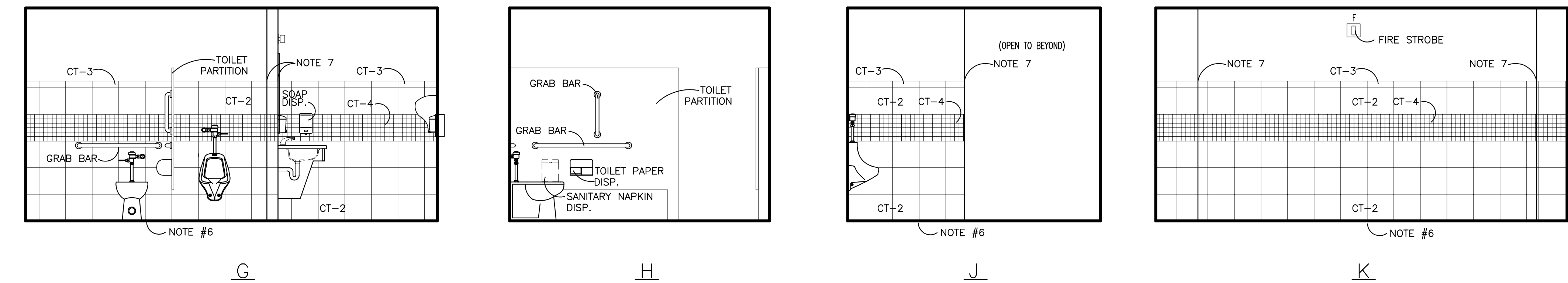
2 MENS TOILET 3303
A7-2 SCALE 3/4" = 1'-0"



3 WOMENS TOILET 3331
A7-2 SCALE 3/4" = 1'-0"



4 WOMENS TOILET 3050 + 3048 • ELEV A REV + B REV
A7-2 SCALE 3/4" = 1'-0"



5 MENS TOILET 3048 + 3050 • H REV
A7-2 SCALE 3/4" = 1'-0"

LEGEND	
○	OXYGEN SUPPLY
□	VACUUM
⊕	MEDICAL AIR
⊖	NITROGEN
⊙	NITROUS OXIDE
⊕	FIRE ALARM PULL
⊕	FIRE ALARM HORN/STROBE/CHIME
⊕	NURSE CALL STATION
⊕	CODE BLUE
⊕	WATER SUPPLY
⊕	WATER SUPPLY
⊕	NURSE ASSIST
⊕	DUPLEX OUTLET
⊕	4-PLEX OUTLET
⊕	LIGHT SWITCH
⊕	DIMMER SWITCH
⊕	THERMOSTAT
⊕	EMERGENCY OUTLET
⊕	JUNCTION BOX
⊕	TV OUTLET
⊕	DATA PORT
⊕	VOICE & DATA PORT
⊕	PILLOW SPEAKER

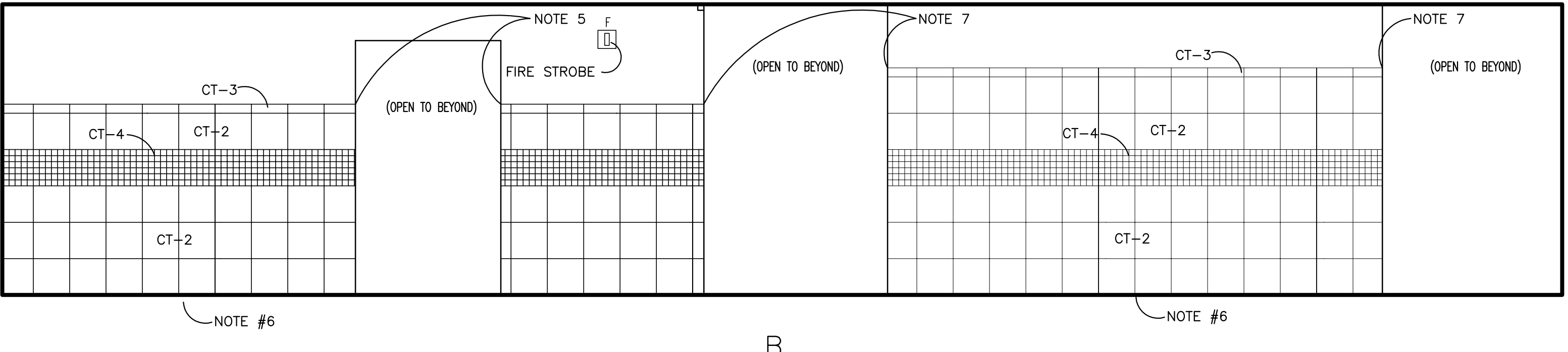
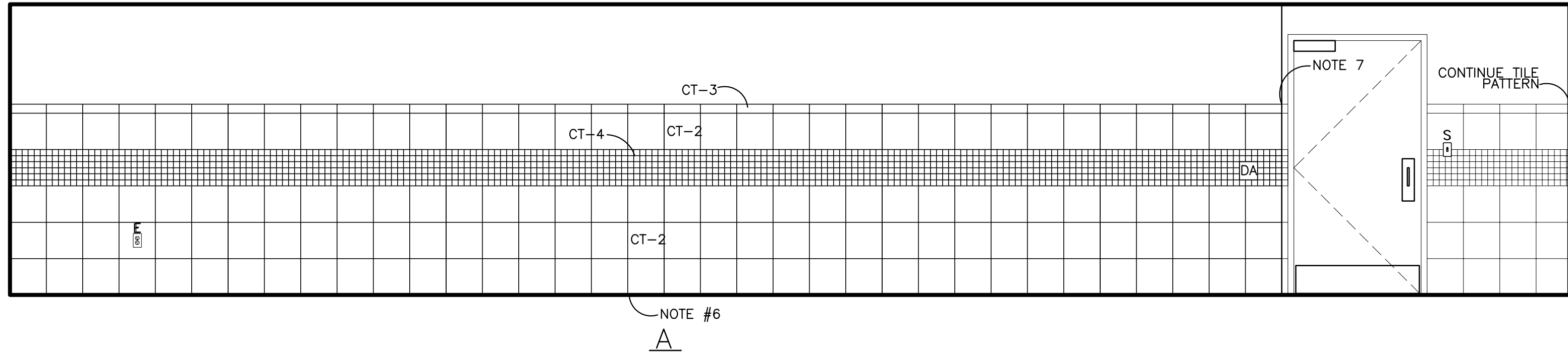
W1, B1, CABINET TYPE-SEE ETC... SHEETS A7-28-A/30
TL TASK LIGHTING-UNDER CABINET
L+ LOCK (RL-Rev-A-Lock)
CL II OTHER LOCK
TA- TOILET ACCESSORY-SEE SPEC SECT. 10-28-00
FD FILE DRAWER, FILE HANGING HARDWARE PER SPEC'S
F/E FINISHED END PANEL TO MATCH ADJACENT CABT U.N.O.
TB TACKBOARD-SEE SPECS
KB KEY BOARD
CSB COUNTER SUPPORT BRACKET
--- ADJUSTABLE SHELVES

- GENERAL NOTES
1. REFER TO SHEET A3-1 FOR MOUNTING HEIGHTS OF TOILET PARTITIONS, ACCESSORIES & MISCELLANEOUS WALL MOUNTED ITEMS INCLUDING ELECTRICAL DEVICES.
 2. ALL SOAP DISPENSERS & HAND SANITIZERS ARE SUPPLIED BY GENERAL CONTRACTOR AND MATCH OWNER'S SPECIFICATIONS.
 3. ALL SHARP'S CONTAINERS ARE TO BE PROVIDED BY OWNER AND INSTALLED BY CONTRACTOR. COORDINATE LOCATIONS OF CONTAINERS WITH OWNER.
 4. 2" RADIUS CORNERS ON SS-COUNTERTOPS.
 5. SCHLUTER SCHIEDNE EDGE OF TILE. END TILE PATTERN ON OUTSIDE CORNER.
 6. CENTER TILE'S ON SECTION OF WALL.
 7. SCHLUTER QUADREC AT VERTICAL CORNER OF TILES.

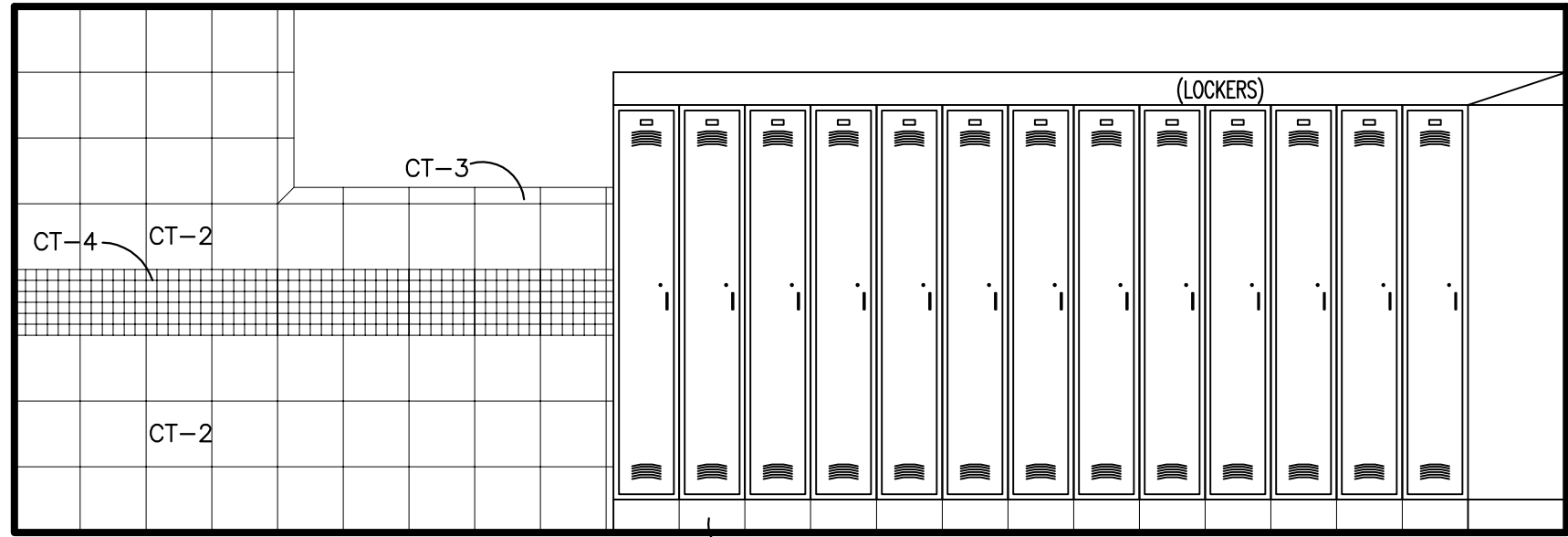
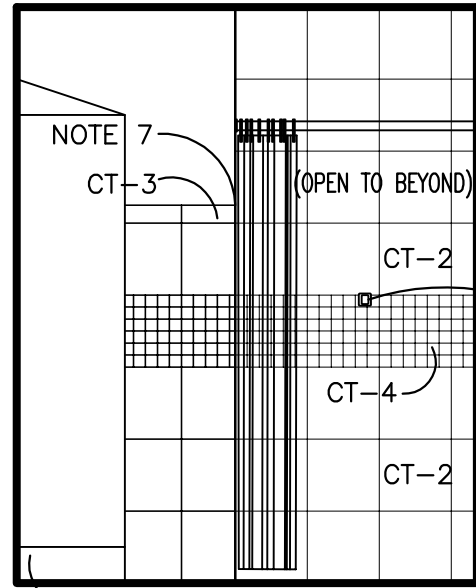
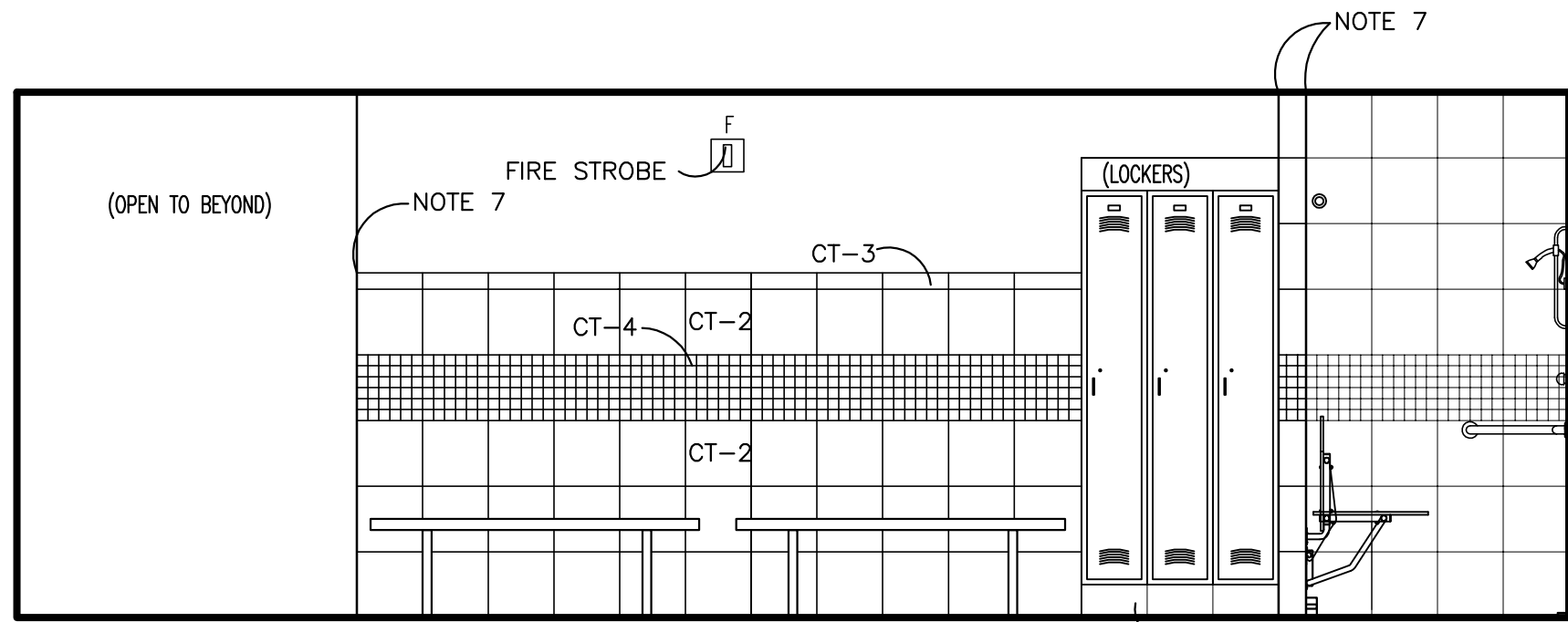
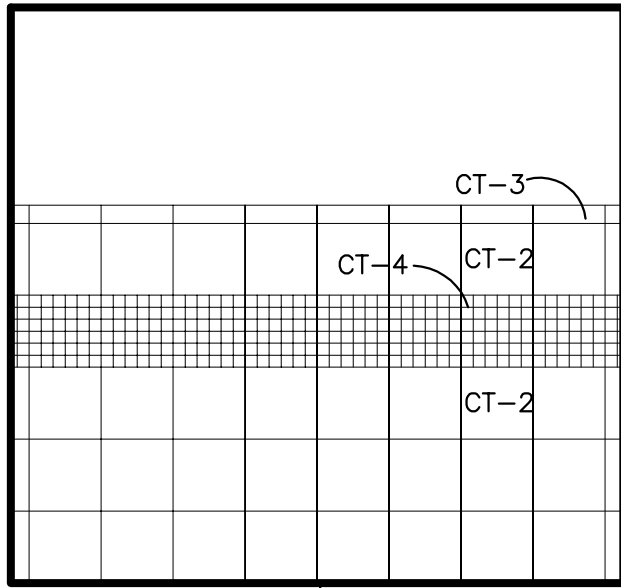
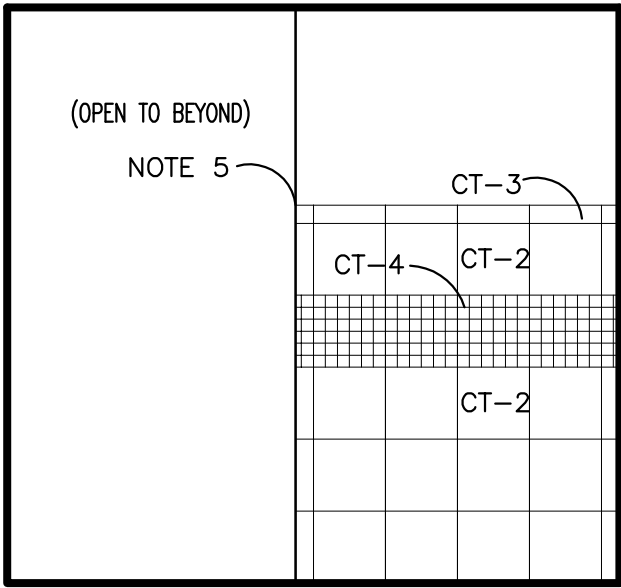
CONSULTANTS: 11238 Davenport Street Suite 104 Omaha, NE 68154 Phone: 402.991.5320 Fax: 402.991.5394 www.specializedeng.com		ARCHITECT/ENGINEERS: 12405 West Dodge Road Omaha, NE 68154 Phone: 402.342.4422 Fax: 402.354.9023 altusarch.com mjohnson dsharp jplawson		Drawing Title INTERIOR TOILET ROOM ELEVATIONS	Project Title RENOVATE RESTROOMS NWIHCS	Project Number 636-12-108	Office of Construction and Facilities Management
Revisions		Approved Project Director		Location OMAHA	Checked M.J.H.	Drawn R.G.G.	
Date		Building Number		Date 7-13-2012	Dwg. 7 of 8	Dwg. 7 of 8	

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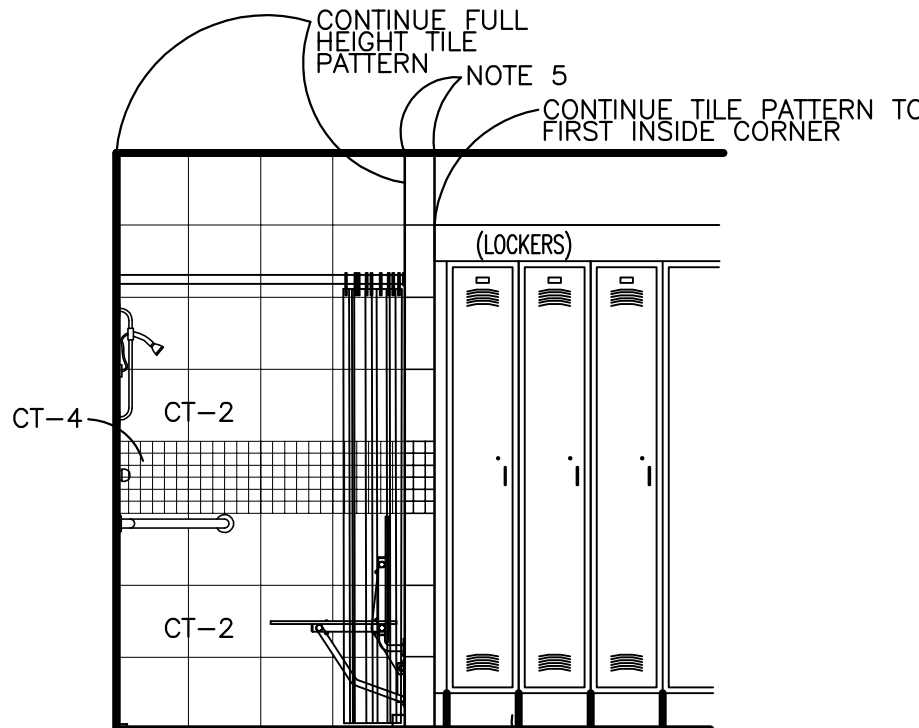
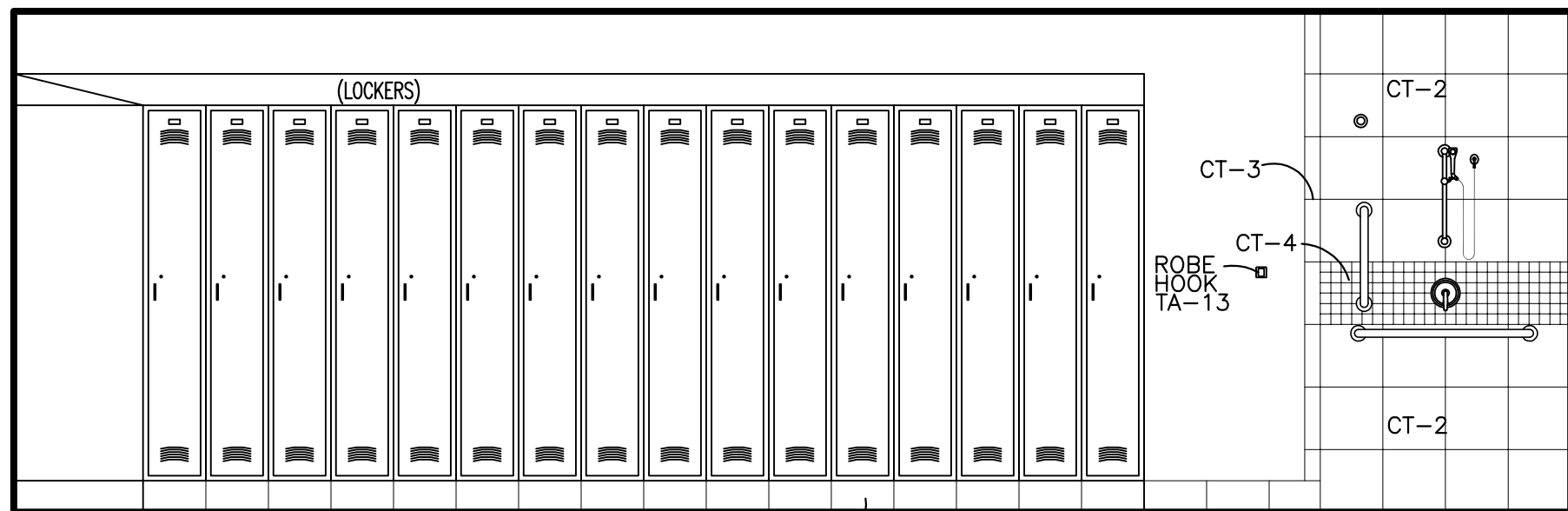
three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



1 MENS TOILET B712
A7-3 SCALE 3/4" = 1'-0"






2 WOMENS TOILET B710
A7-3 SCALE 3/4" = 1'-0"

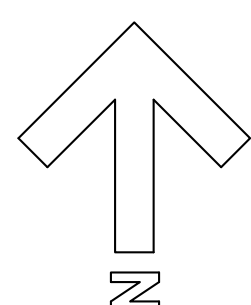
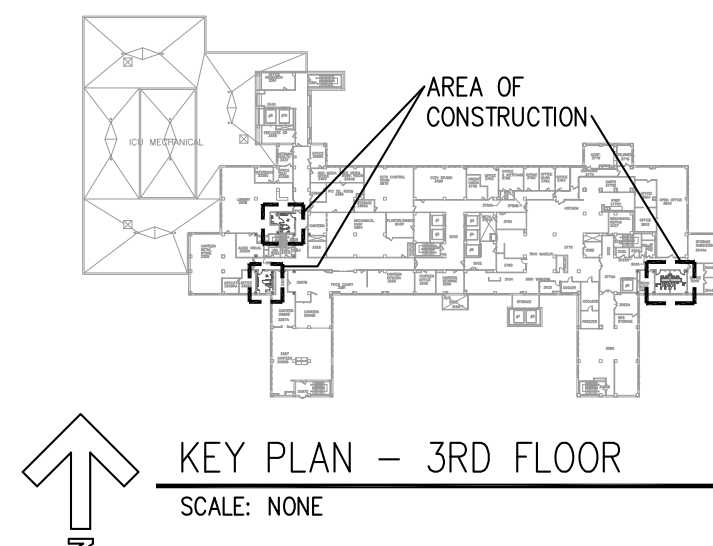
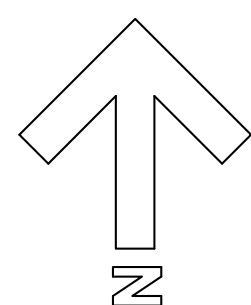
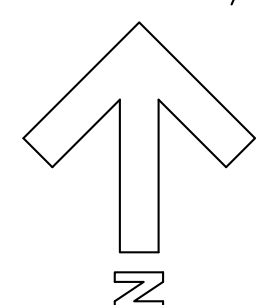
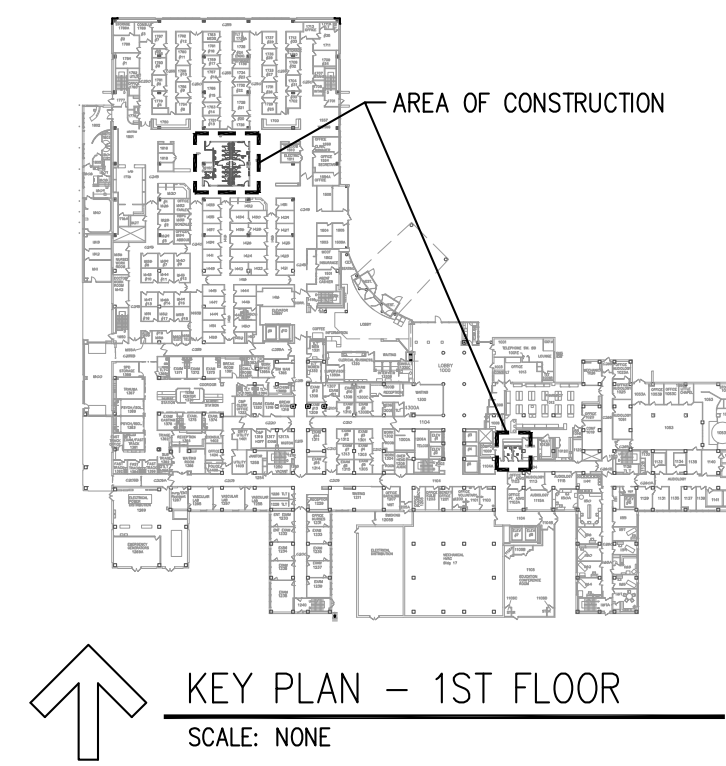
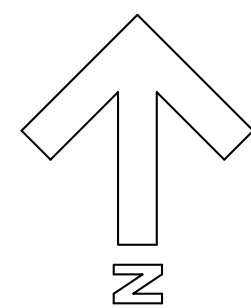
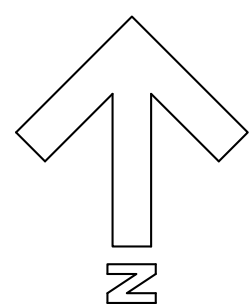
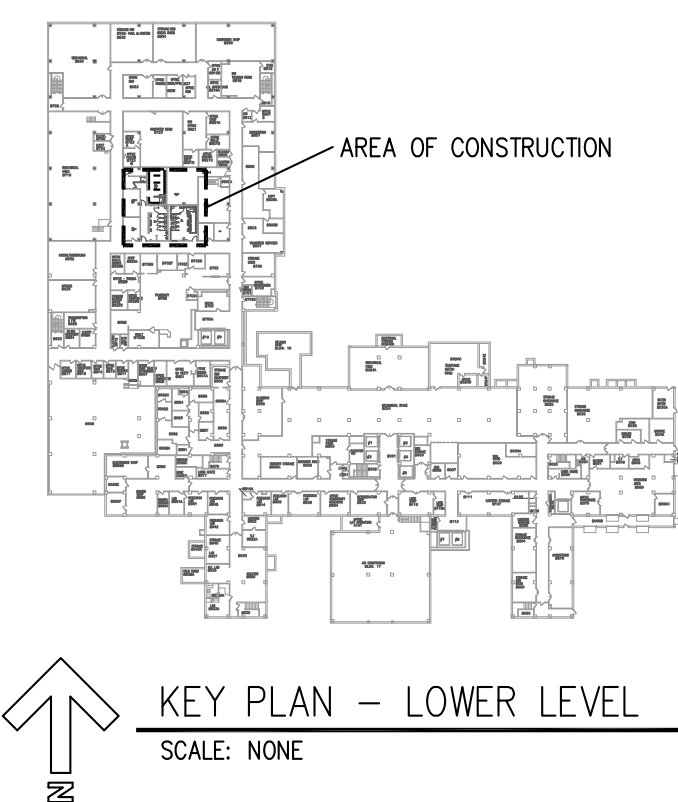
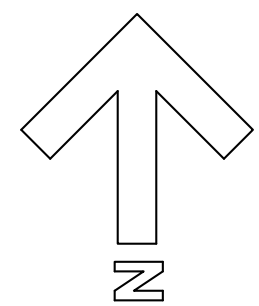


3 MENS LOCKER ROOM B719
A7-3 SCALE 3/4" = 1'-0"

LEGEND	
	OXYGEN SUPPLY
	VACUUM
	MEDICAL AIR
	NITROGEN
	NITROUS OXIDE
	FIRE ALARM PULL
	FIRE ALARM HORN/STROBE/CHIME
	NURSE CALL STATION
	CODE BLUE
	WATER SUPPLY
	NURSE ASSIST
	DUPLEX OUTLET
	4-PLEX OUTLET
	LIGHT SWITCH
	DIMMER SWITCH
	THERMOSTAT
	EMERGENCY OUTLET
	JUNCTION BOX
	TV OUTLET
	DATA PORT
	VOICE & DATA PORT
	PILLOW SPEAKER




- GENERAL NOTES
- REFER TO SHEET A3-1 FOR MOUNTING HEIGHTS OF TOILET PARTITIONS, ACCESSORIES & MISCELLANEOUS WALL MOUNTED ITEMS INCLUDING ELECTRICAL DEVICES.
 - ALL SOAP DISPENSERS & HAND SANITIZERS ARE SUPPLIED BY GENERAL CONTRACTOR AND MATCH OWNER'S SPECIFICATIONS.
 - ALL SHARP'S CONTAINER'S ARE TO BE PROVIDED BY OWNER AND INSTALLED BY CONTRACTOR. COORDINATE LOCATIONS OF CONTAINERS WITH OWNER.
 - 2" RADIUS CORNERS ON SS-COUNTERTOPS.
 - SCHLUTER SCHIENE EDGE OF TILE. END TILE PATTERN ON OUTSIDE CORNER.
 - CENTER TILE'S ON SECTION OF WALL.
 - SCHLUTER QUADREC AT VERTICAL CORNER OF TILES.

		CONSULTANTS:				ARCHITECT/ENGINEERS:		Drawing Title		Project Title		Project Number		<div>Office of Construction and Facilities Management</div> <div> Department of Veterans Affairs</div>	
		 <div>11238 Davenport Street Suite 104 Omaha, NE 68154 Phone: 402.991.5320 Fax: 402.991.5394 www.specializedeng.com</div>		<div>Preliminary: Not For Construction</div>		 <div>12405 West Dodge Road Lincoln, NE 68514 Phone: 402.336.4422 Fax: 402.336.9023 altusarch.com mrobertson dsharp jplawson</div>		INTERIOR TOILET ROOM ELEVATIONS		RENOVATE RESTROOMS NWHCS		636-12-108			
								Approved Project Director		Location		Drawing Number			
Revisions:		Date								OMAHA		A7-3			
										Date		Checked		Drawn	
										7-13-2012		M.J.H.		R.G.G.	
														Dwg. 8 of 8	



- DEMOLITION SHEET NOTES

- ① REMOVE FLOOR DRAIN COMPLETE TO SANITARY CONNECTION IN FLOOR BELOW.
- ② REMOVE ALL WATER, WASTE AND VENT IN WALL CAVITY/CHASE TO CONNECTION TO MAIN WASTE/VENT STACK AND WATER MAINS.
- ③ REMOVE FLOOR DRAIN TO EXTENT NEEDED TO ALLOW INSTALLATION OF NEW FLOOR DRAIN IN SAME LOCATION.
- ④ CLEAN FAN COIL UNIT CABINET, CLEAN COIL, REPLACE FILTER, CLEAN DRAIN PAN.
- ⑤ REMOVE THERMOSTAT TO ALLOW UNIT FINISH AND REINSTALL.
- ⑥ REMOVE DIFFUSER/REGISTER/GRILLE. REMOVE DUCTWORK TO EXTENT TO SERVE NEW DIFFUSER/REGISTER/GRILLE.
- ⑦ CLEAN FAN COIL DRAIN PAN, COIL, AND REPLACE FILTER.
- ⑧ REMOVE ANY SPRINKLER HEADS AND PIPING ASSOCIATED WITH EXISTING DUCTWATER.

		CONSULTANTS:				ARCHITECT/ENGINEERS:		Drawing Title LOWER LEVEL, 1st & 3rd FLOOR PLANS – MECHANICAL DEMOLITION		Project Title RENOVATE RESTROOMS NWHCS		Project Number 636-12-108		Office of Construction and Facilities Management	
		 11235 Davenport Street Suite 104 Omaha, NE 68154 Phone: 402.991.5520 Fax: 402.991.5394 www.specializedeng.com				 10001 South 48th Ave Omaha, NE 68148 Phone: 402.492.2900 Fax: 402.492.2901 www.altusinc.com		Approved Project Director		Location OMAHA		Drawing Number MO-1 Dwg. 1 of 9			
Revisions:		Date								Date 07-13-2012		Checked JLP			

A

B

C

D

E

F

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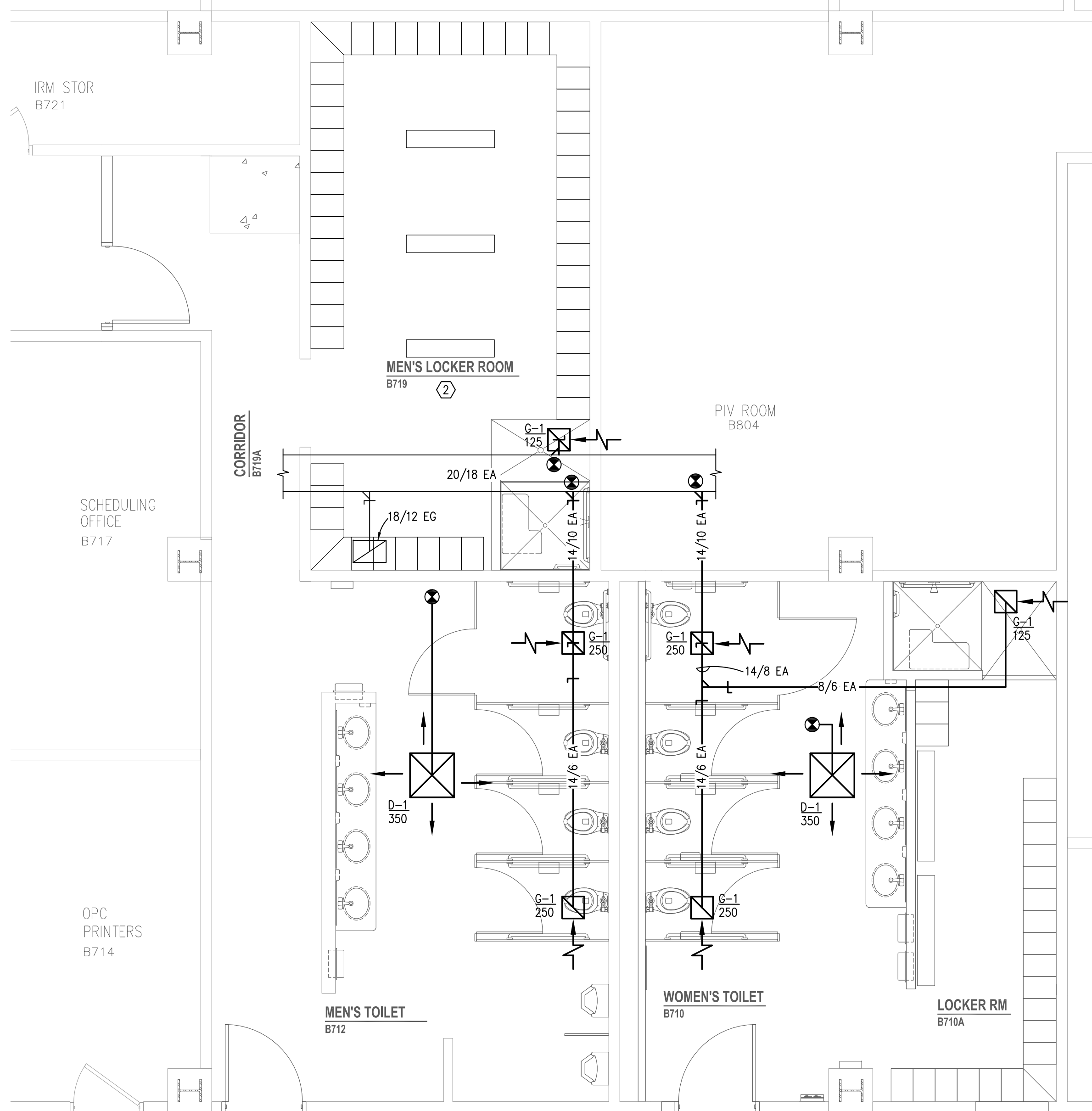
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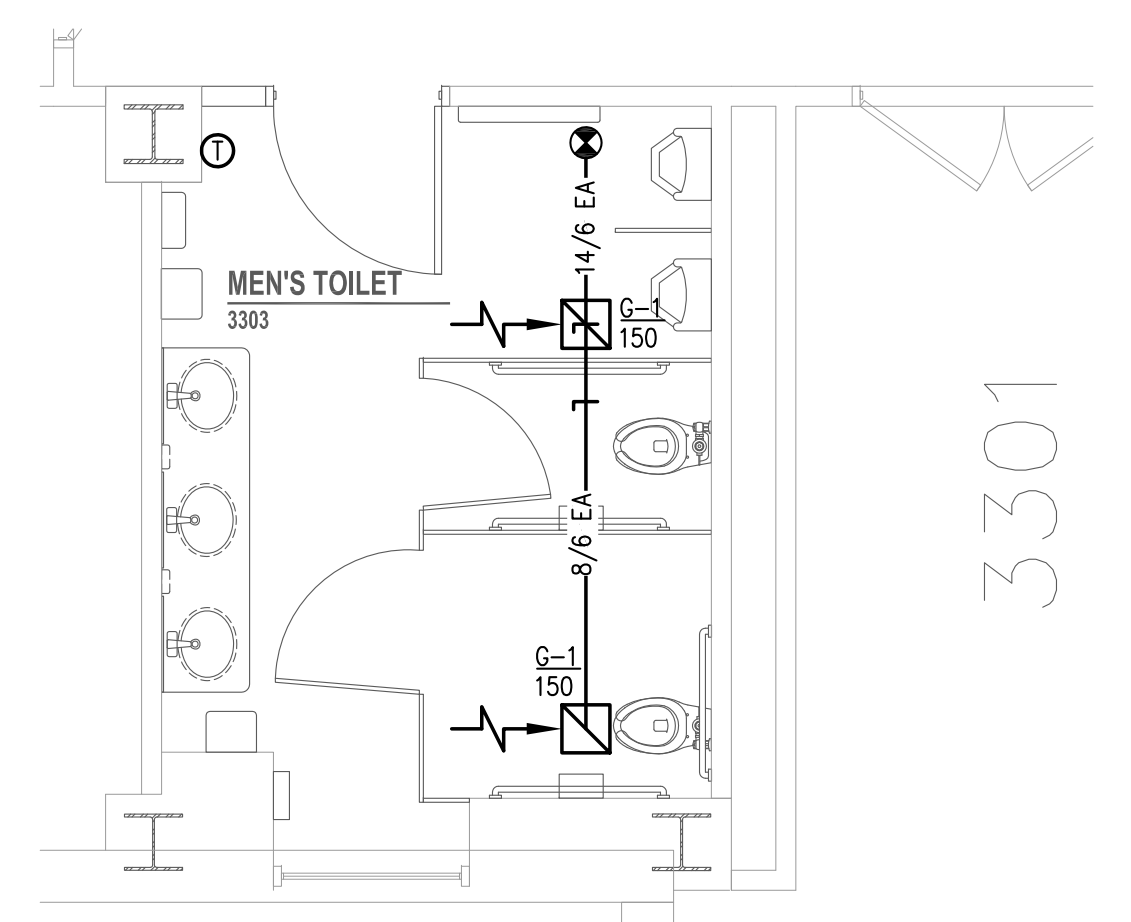
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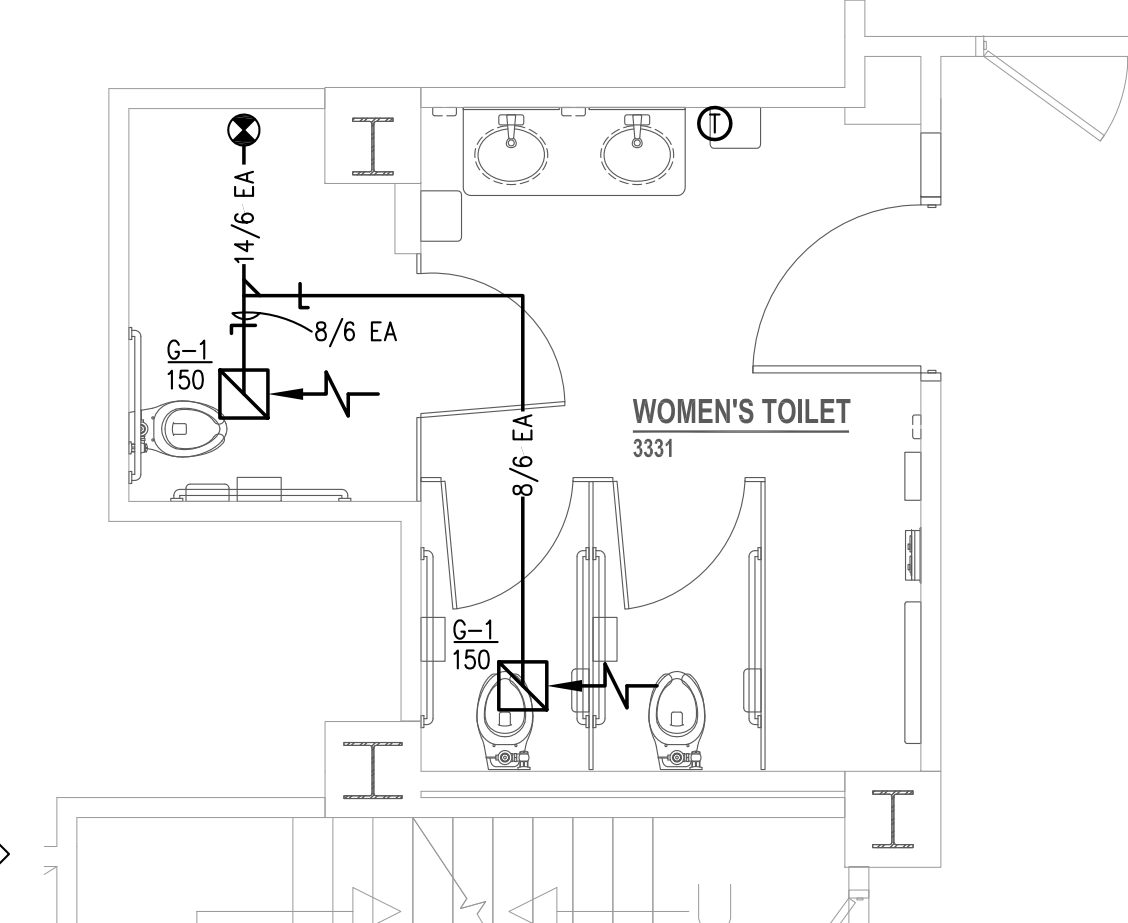
three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



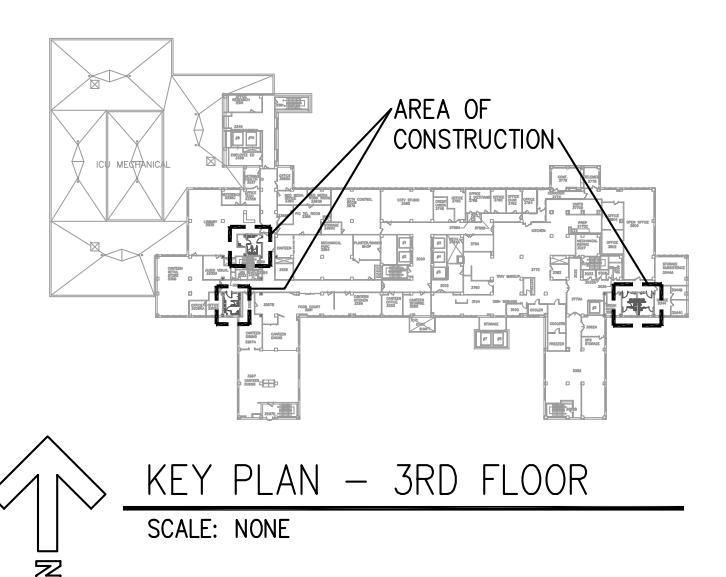
PARTIAL FLOOR PLAN - LOWER LEVEL RESTROOMS B712 & B710 HVAC
SCALE: 1/4" = 1'-0"



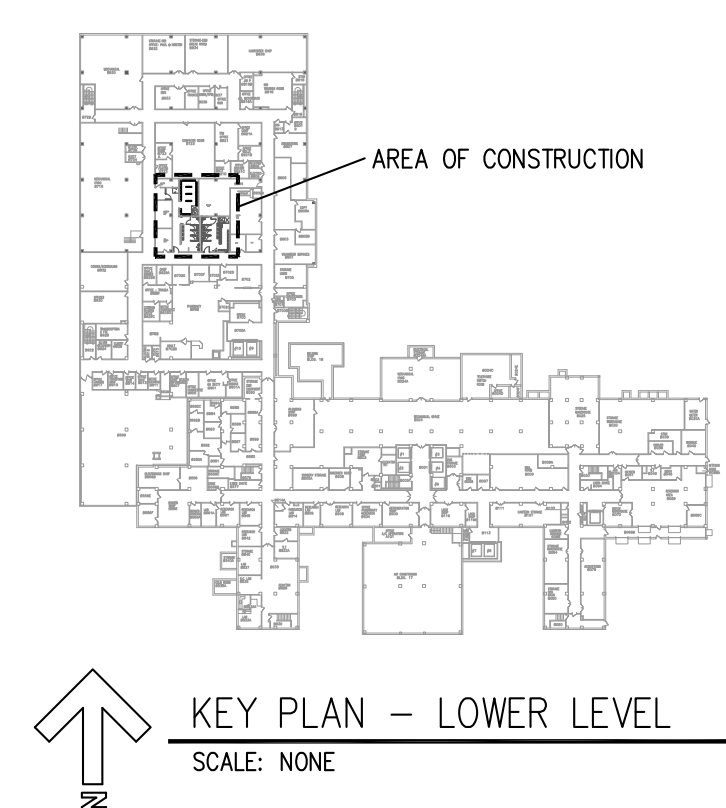
PARTIAL FLOOR PLAN - 3rd FLOOR RESTROOM 3303 HVAC
SCALE: 1/4" = 1'-0"



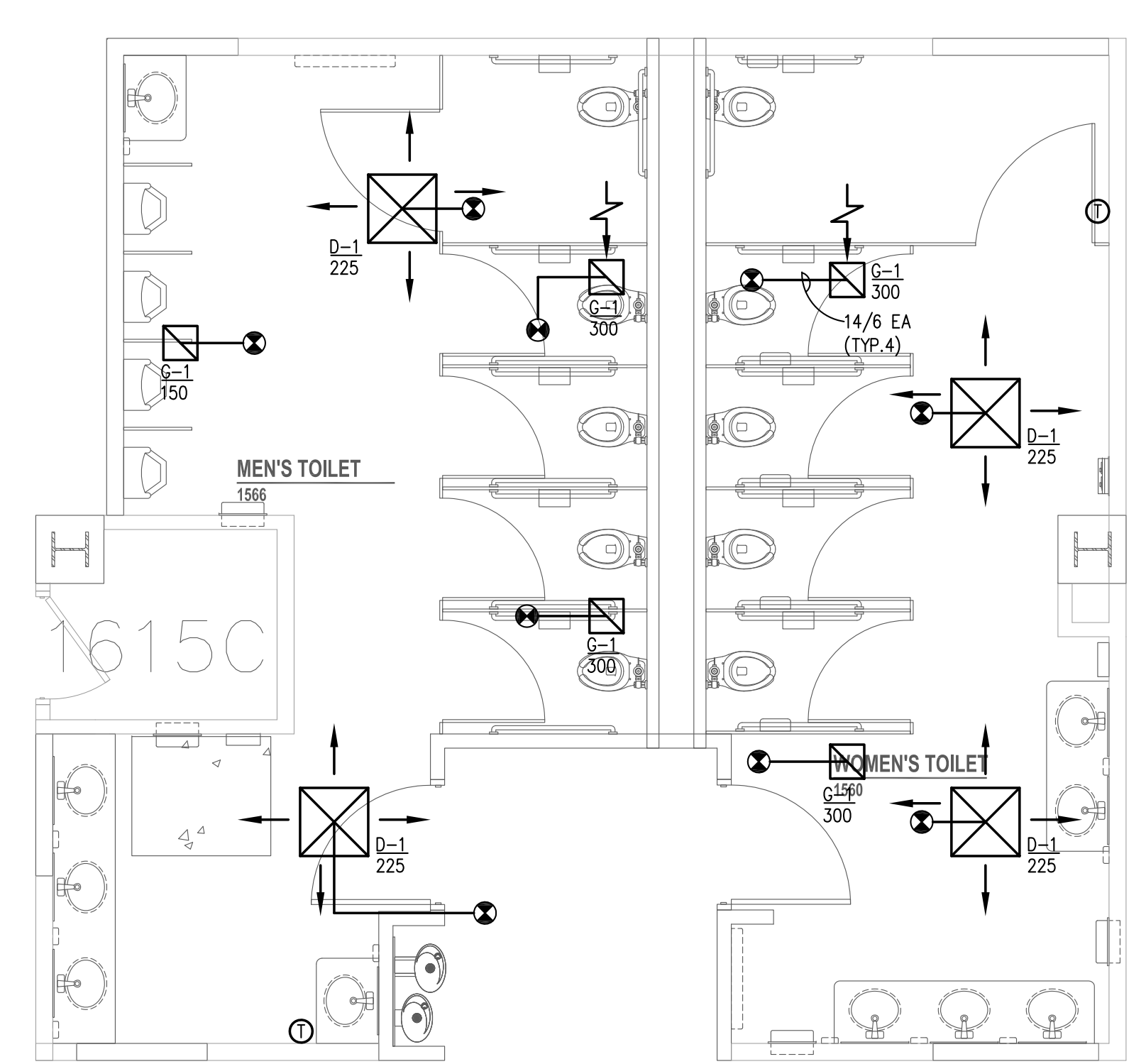
PARTIAL FLOOR PLAN - 3rd FLOOR RESTROOM 3331 HVAC
SCALE: 1/4" = 1'-0"



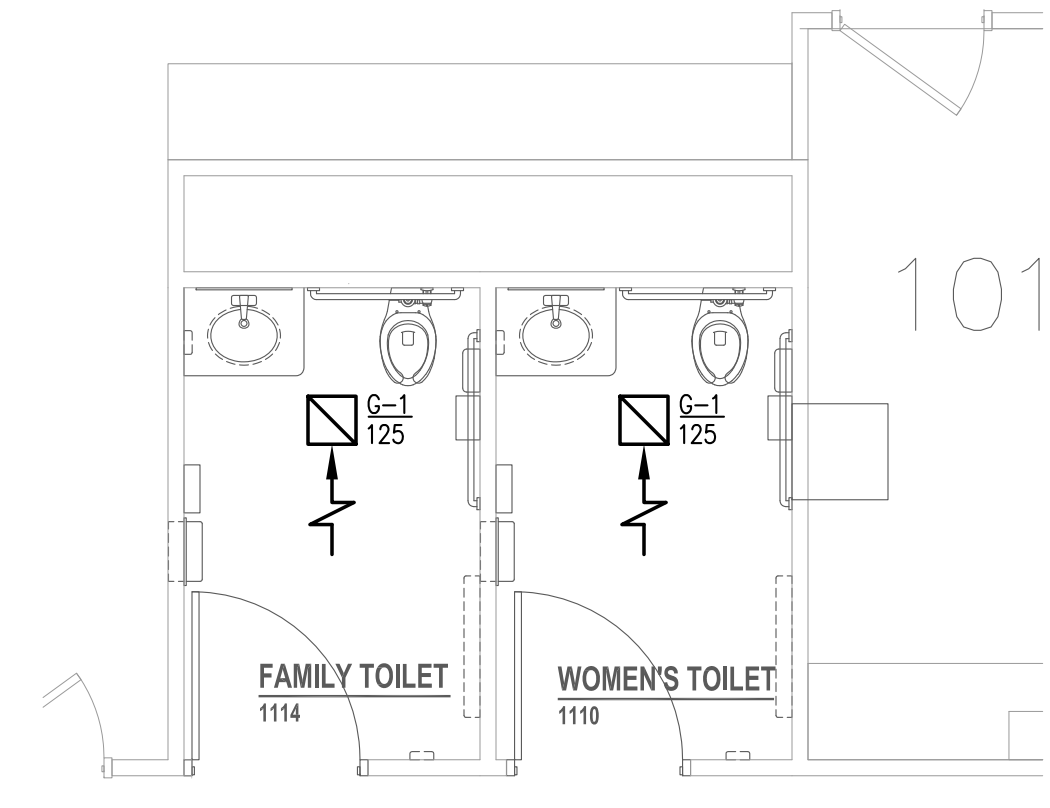
KEY PLAN - 3RD FLOOR
SCALE: NONE



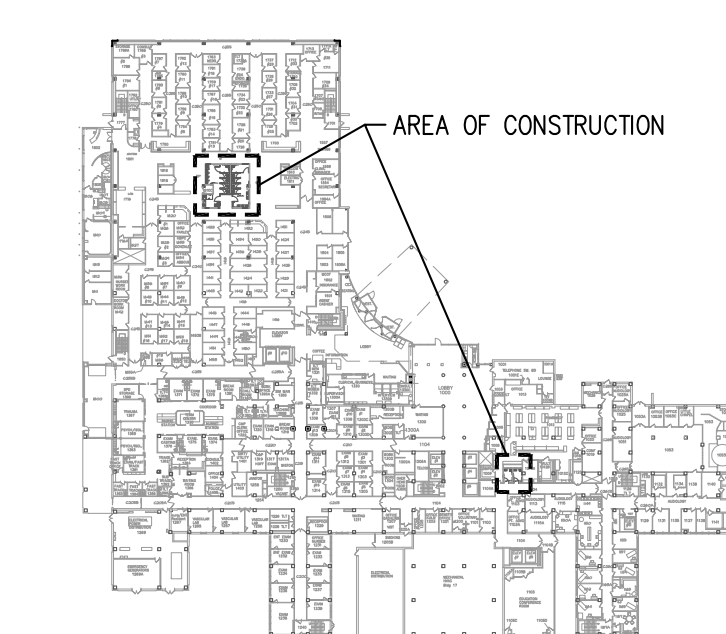
KEY PLAN - LOWER LEVEL
SCALE: NONE



PARTIAL FLOOR PLAN - 1st FLOOR RESTROOMS 1566 & 1560 HVAC
SCALE: 1/4" = 1'-0"



PARTIAL FLOOR PLAN - 1st FLOOR RESTROOMS 1110 & 1114 HVAC
SCALE: 1/4" = 1'-0"



KEY PLAN - 1ST FLOOR
SCALE: NONE

SHEET NOTES

- (1) CONNECT TO EXISTING SUPPLY/EXHAUST DUCT.
- (2) ADJUST LOCATION OF DIFFUSERS, GRILLES, AND SPRINKLER HEADS IN THIS ROOM TO COORDINATE WITH NEW CEILING LAYOUT.

GENERAL NOTES

- A. COORDINATE WORK WITH OTHER TRADER

SUPPLY DIFFUSER SCHEDULE		
D-1 24x24	NECK SIZE	MAX. CFM
<input checked="" type="checkbox"/>	6"	150
	8"	250
	10"	400
D-2 12x12	NECK SIZE	MAX. CFM
<input checked="" type="checkbox"/>	6"	150
	8"	250
	10"	400

REMARKS
(1) ALL SUPPLY DIFFUSERS TO BE D-1 AND D-2, UNLESS NOTED OTHERWISE.
(2) ALL SUPPLY DIFFUSER DUCT RUN-OUTS TO BE NECK SIZE SHOWN UNLESS NOTED OTHERWISE.

EXHAUST GRILLE SCHEDULE		
G-1 <input checked="" type="checkbox"/>	SIZE	MAX. CFM
<input checked="" type="checkbox"/>	8x6	100
	12x6	150
	12x8	200
	16x8	300
	16x10	350

REMARKS
(1) ALL EXHAUST GRILLES TO BE G-1.
(2) ALL EXHAUST GRILLE DUCT RUN-OUTS TO BE NECK SIZE (OR EQUIVALENT ROUND DIAMETER) SHOWN UNLESS NOTED OTHERWISE.

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Office of Construction and Facilities Management
Department of Veterans Affairs

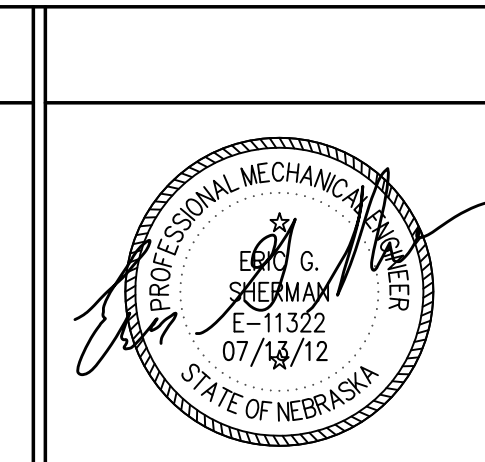
Revisions	Date

CONSULTANTS:

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Suite 104
Omaha, NE 68154

Phone: 402.991.5520
Fax: 402.991.5394
www.specializedeng.com



ARCHITECT/ENGINEERS:

ALTUS architectural studios

12015 West Dodge Road
Omaha, NE 68147
Phone: 402.552.2422 Fax: 402.552.4025
altusarchitectural.com

Drawing Title
LOWER LEVEL, 1st & 3rd FLOOR PLANS - HVAC

Approved: Project Director

Project Title
RENOVATE RESTROOMS NWHCS

Location
OMAHA

Date
07-13-2012

Checked
JLP

Drawn
JSH

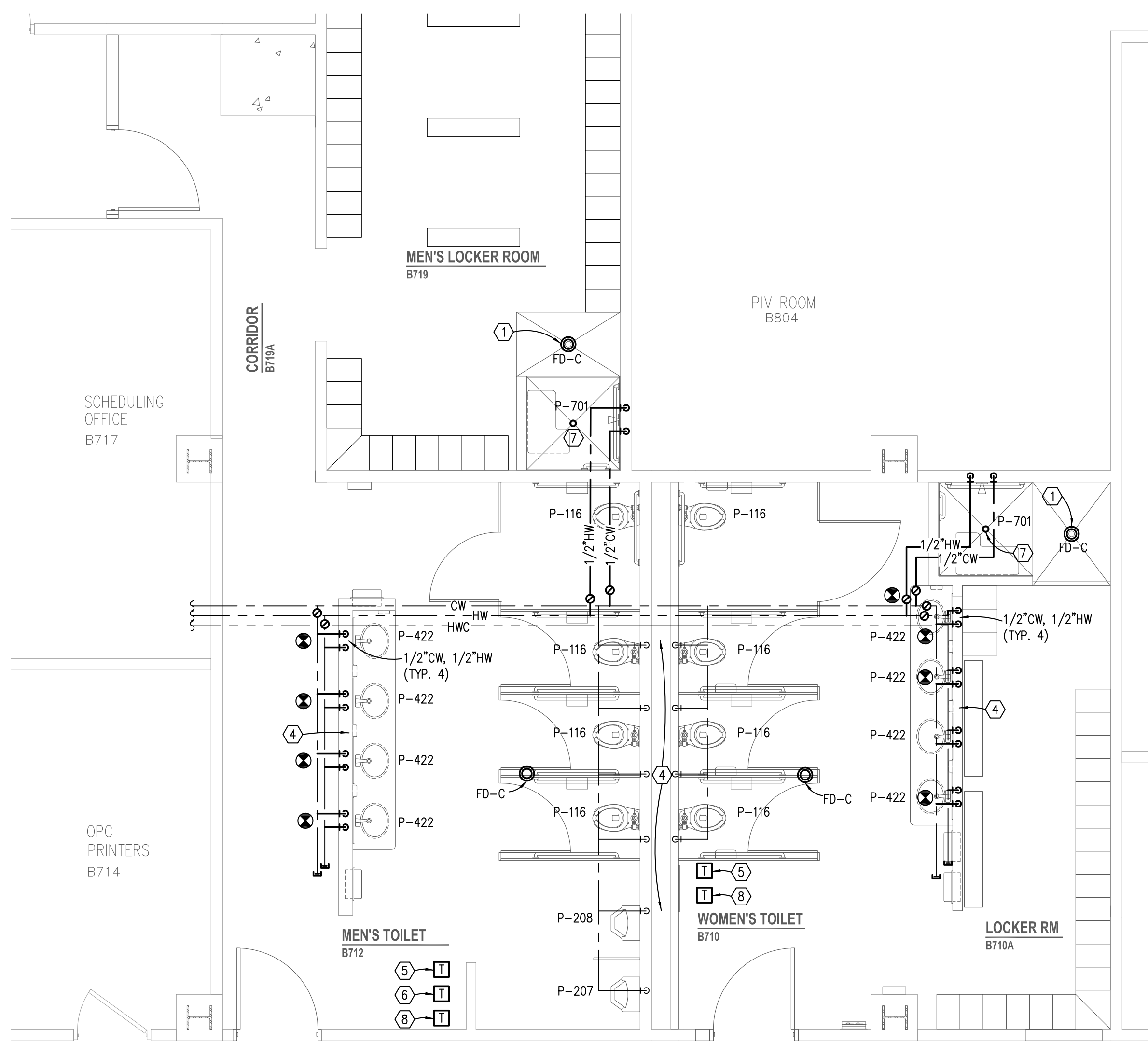
Project Number
636-12-108

Building Number

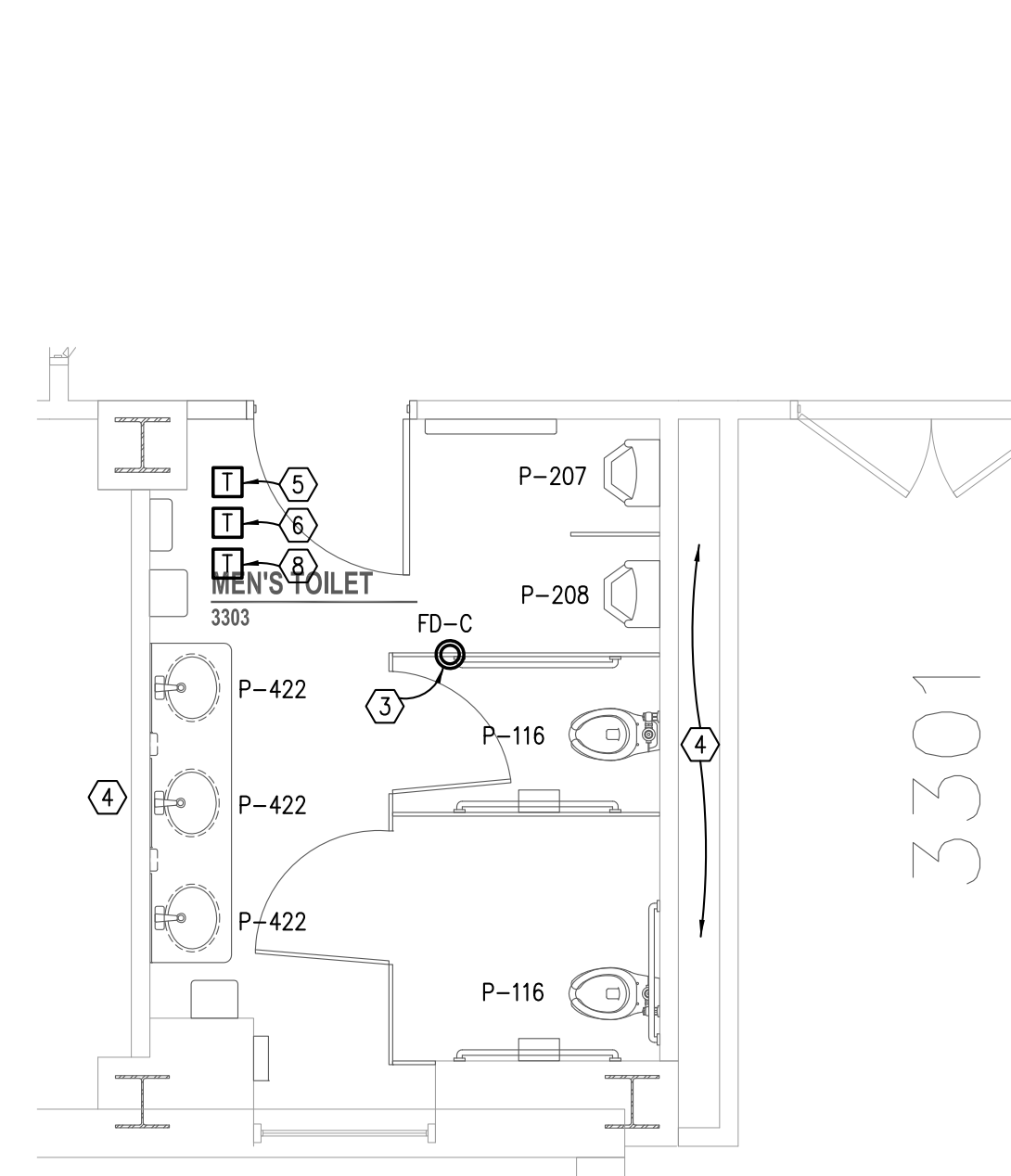
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M1-1

Dwg. 2 of 9

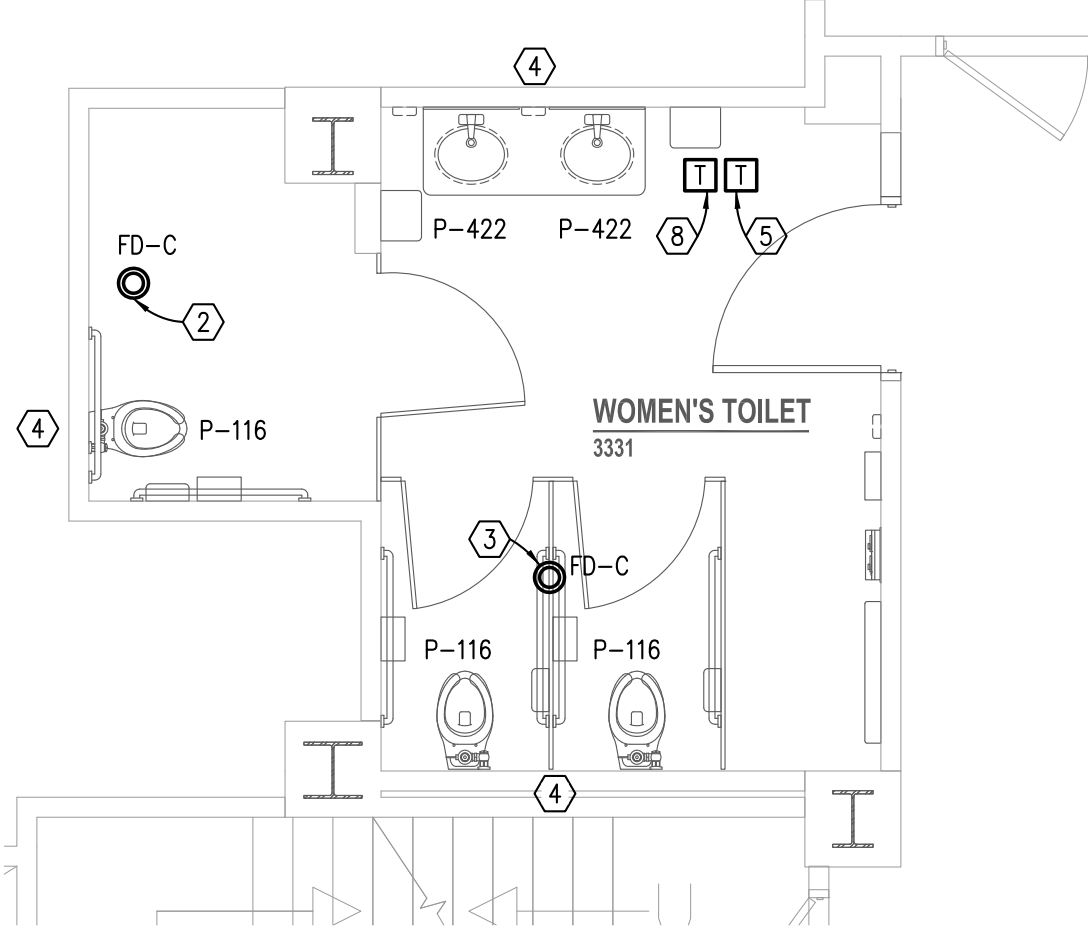
one eighth inch = one foot
one quarter inch = one foot
three eighths inch = one foot
one half inch = one foot
three quarters inch = one foot
one inch = one foot
one and one half inches = one foot
two inches = one foot
three inches = one foot



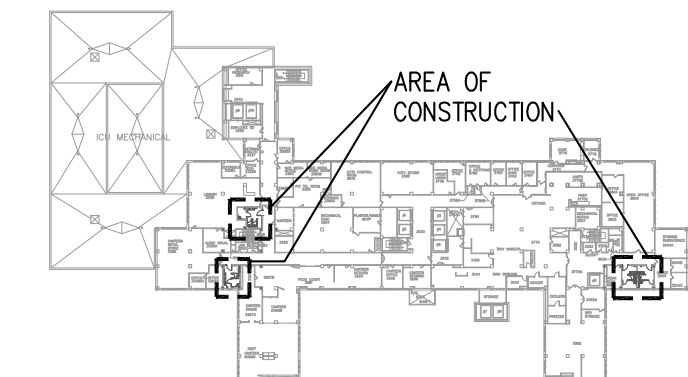
PARTIAL FLOOR PLAN - LOWER LEVEL RESTROOMS B712 & B710 PLUMBING
SCALE: 1/4" = 1'-0"



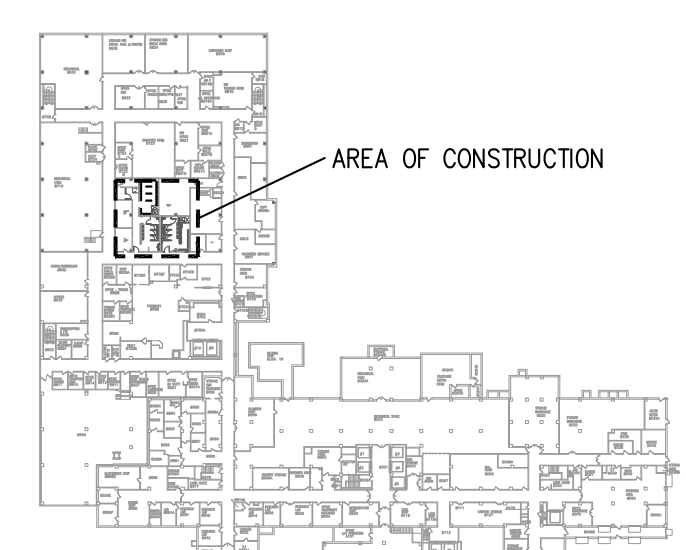
PARTIAL FLOOR PLAN - 3rd FLOOR RESTROOM 3303 PLUMBING
SCALE: 1/4" = 1'-0"



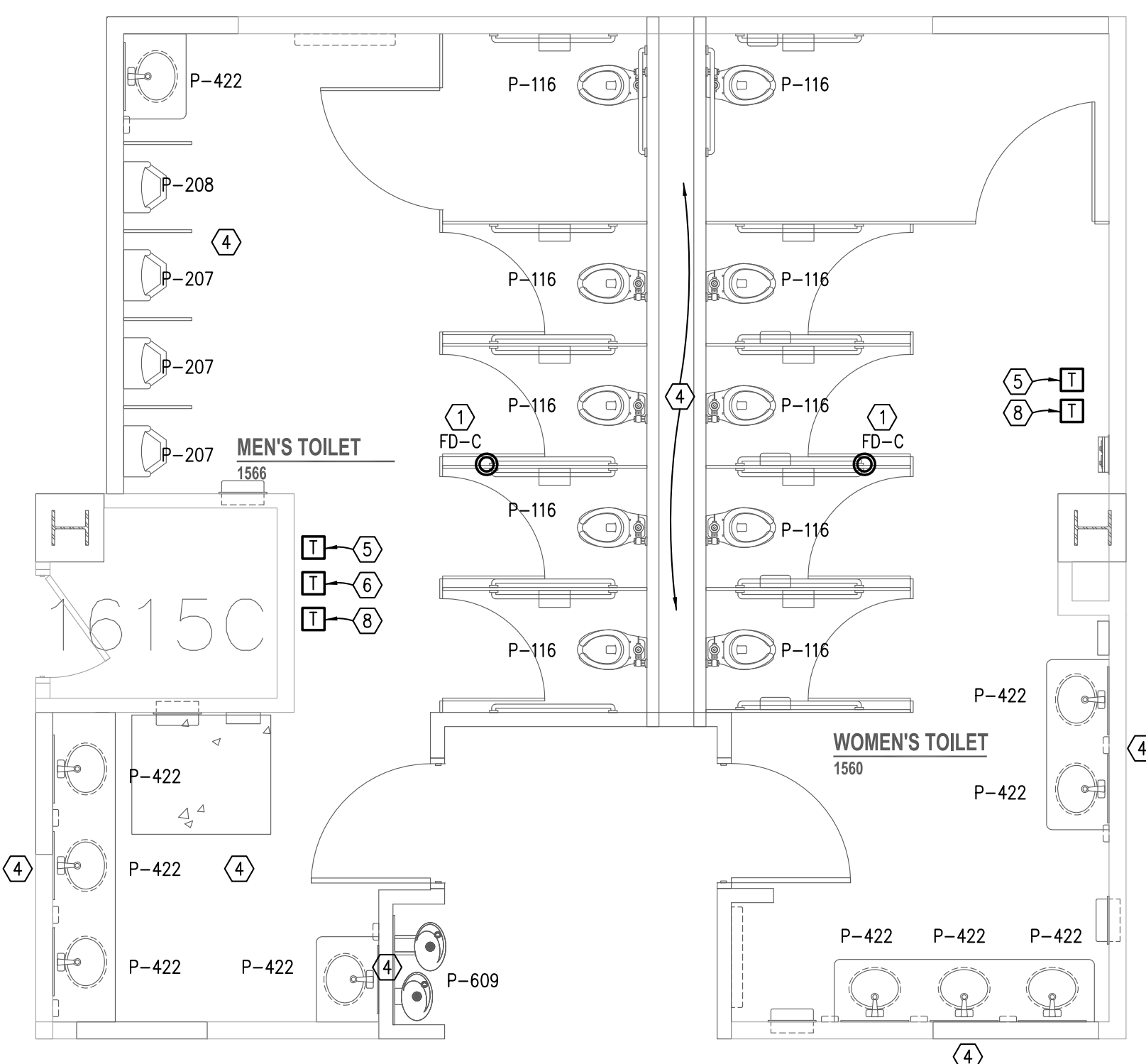
PARTIAL FLOOR PLAN - 3rd FLOOR RESTROOM 3331 PLUMBING
SCALE: 1/4" = 1'-0"



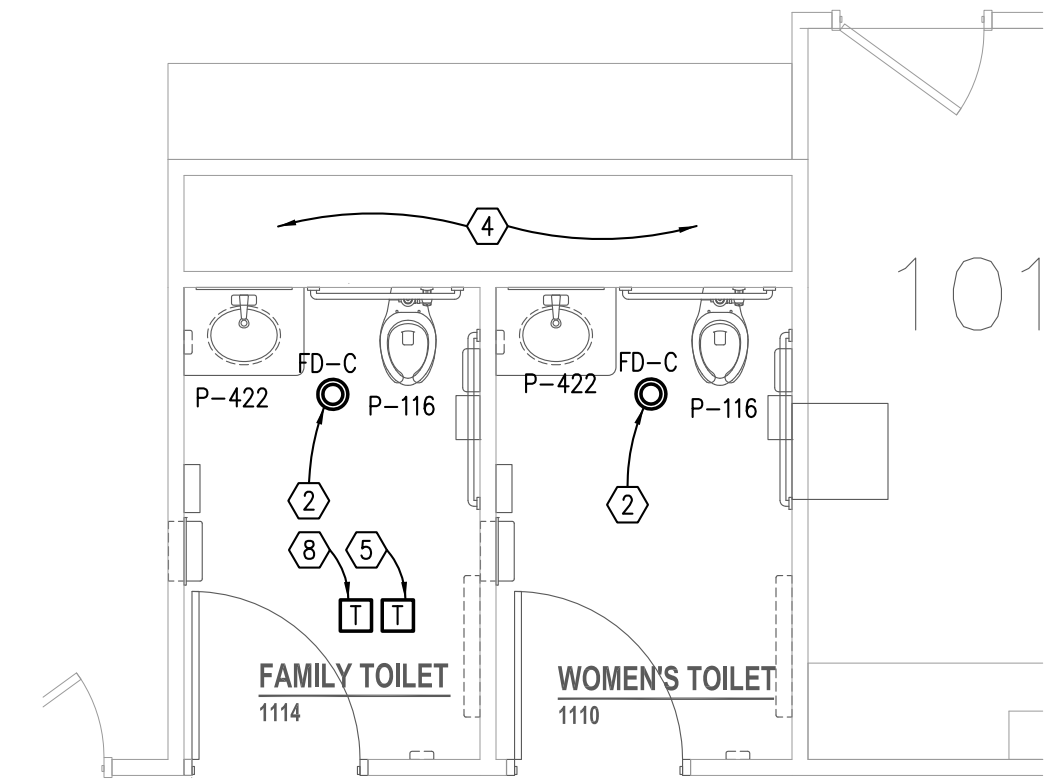
KEY PLAN - 3RD FLOOR
SCALE: NONE



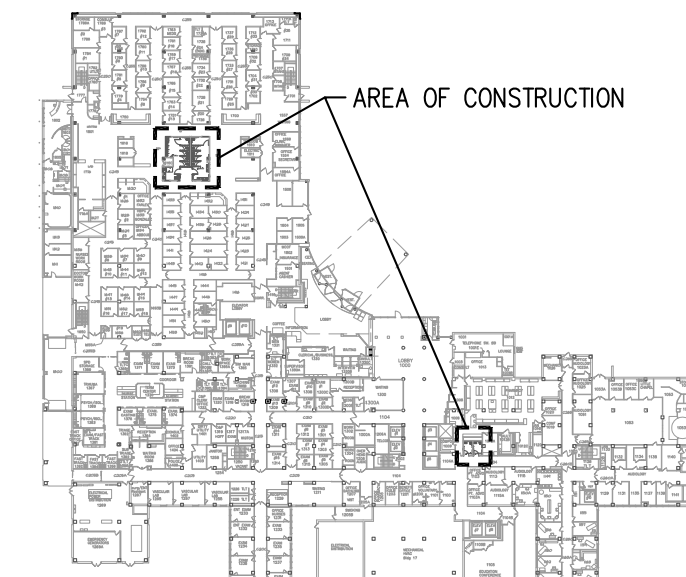
KEY PLAN - LOWER LEVEL
SCALE: NONE



PARTIAL FLOOR PLAN - 1st FLOOR RESTROOMS 1566 & 1560 PLUMBING
SCALE: 1/4" = 1'-0"



PARTIAL FLOOR PLAN - 1st FLOOR RESTROOMS 1110 & 1114 PLUMBING
SCALE: 1/4" = 1'-0"



KEY PLAN - 1ST FLOOR
SCALE: NONE


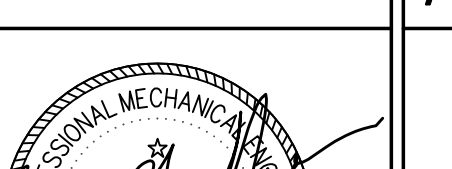

SHEET NOTES

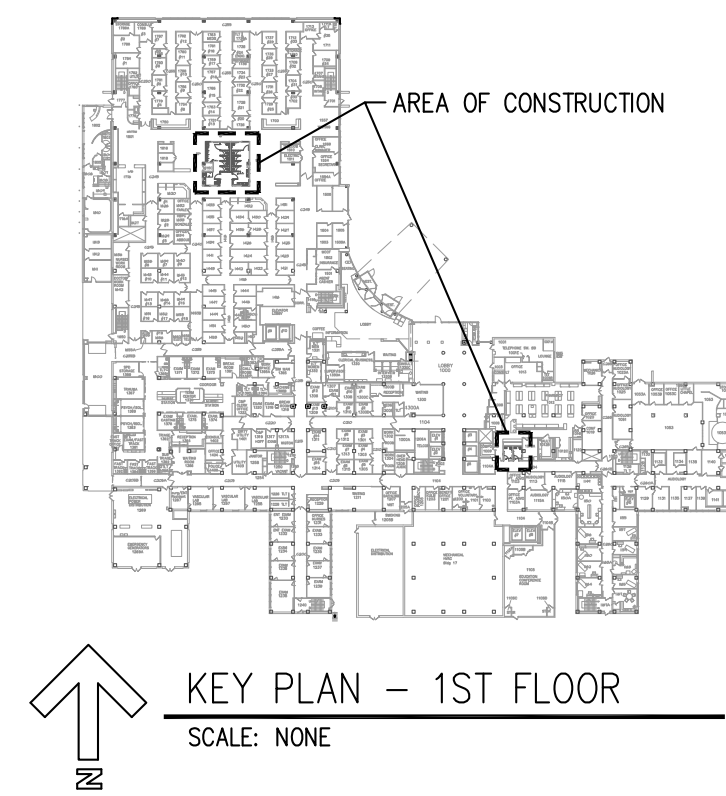
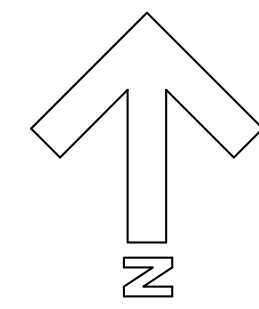
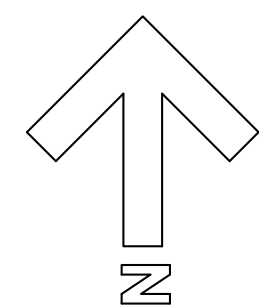
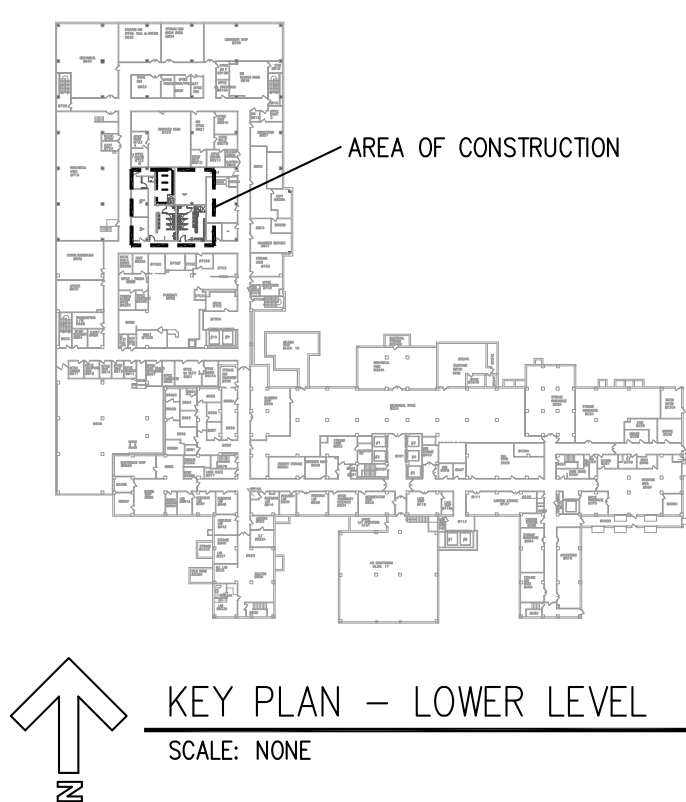
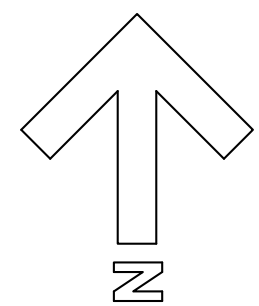
- 1) PROVIDE NEW FLOOR DRAIN. CONNECT TO SANITARY LINE IN CEILING BELOW (MIN 2") OR CUT/PATCH SLAB-ON-GRADE. VENT AND CONNECT TO VENT LINE IN CEILING BELOW IS TO MAIN VENT STACK. RECONNECT TO SANITARY LINE.
- 2) PROVIDE NEW FLOOR DRAIN TO REPLACE EXISTING DRAIN. RECONNECT TO SANITARY LINE.
- 3) PROVIDE NEW FLOOR DRAIN. CONNECT TO SANITARY LINE THAT SERVED FLOOR DRAIN REMOVED.
- 4) PROVIDE ALL NEW WATER, SANITARY AND VENT PIPING FOR NEW FIXTURES TO THE EXTENT OF CONNECTION TO WASTE/VENT STACKS AND WATER MAINS/RISER. PROVIDE NEW ISOLATION VALVES FOR WATER CONNECTIONS TO MAINS/RISERS. PROVIDE WATER HAMMER ARRESTERS AT EACH WATER CLOSET.
- 5) TRANSFORMER FOR WATER CLOSET(S) SENSOR FLUSH VALVE(S).
- 6) TRANSFORMER FOR URINAL(S) SENSOR FLUSH VALVE(S).
- 7) 2" DRAIN PART OF SHOWER 9-701. CUT/PATCH FLOOR. CONNECT TO NEAREST AVAILABLE 3" SANITARY SEWER LINE. VENT DRAIN TO NEAREST AVAILABLE 2" VENT.
- 8) TRANSFORMER FOR FAUCET(S) SENSOR(S).

GENERAL NOTES

- A. COORDINATE WORK WITH OTHER TRADER.
- B. PROVIDE TRAP PRIMER CONNECTION FROM LAVATORY WATER SUPPLY TO FLOOR DRAIN CONNECTION.

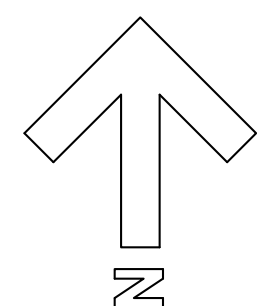
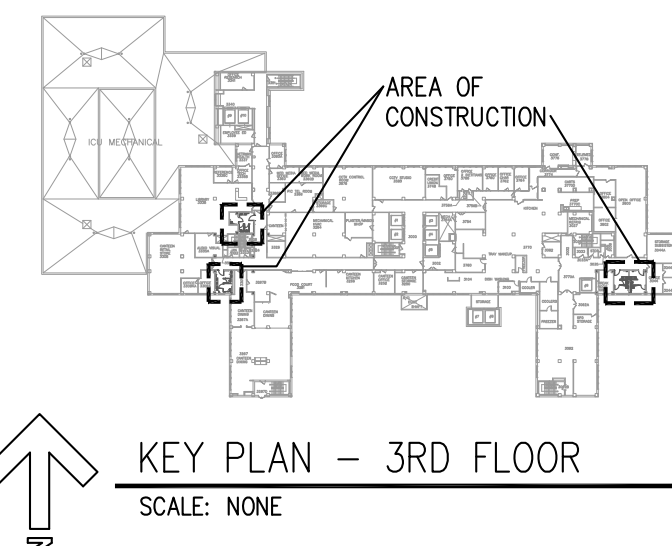
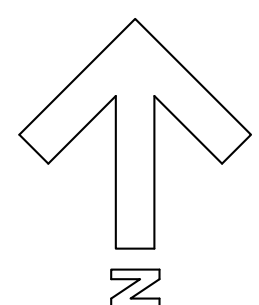
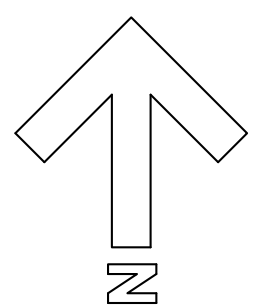
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		CONSULTANTS:				ARCHITECT/ENGINEERS:		Drawing Title		Project Title		Project Number		Office of Construction and Facilities Management			
		 <div>SPECIALIZED ENGINEERING SOLUTIONS 11235 Davenport Street Suite 104 Omaha, NE 68154 Phone: 402.991.5520 Fax: 402.991.5394 www.specializedeng.com</div>				 <div>ALTUS architectural studios 17100 West 164th Road Omaha, NE 68144 Phone: 402.334.2422 Fax: 402.334.8025 altusarch.com</div>		LOWER LEVEL, 1st & 3rd FLOOR PLANS – PLUMBING		RENOVATE RESTROOMS NWHCS		636-12-108		Office of Construction and Facilities Management			
										Building Number							
										Approved Project Director		Location OMAHA		Drawing Number M2-1			
Revisions:														Date 07-13-2012		Checked JLP	
Date														Department of Veterans Affairs			



GENERAL NOTES

- A. FIRE SPRINKLER PIPING SHOWN BASED ON EXISTING RECORD DRAWINGS AND/OR FIELD OBSERVATION. CONTRACTOR CONFIRM PIPE SIZE FOR NEW HEADS BASED ON NFPA PIPE SIZE SCHEDULE.
- B. REPLACE EXISTING HEADS WITH NEW EVEN THOUGH LOCATION OF HEAD MAY NOT CHANGE. COORDINATE POSITION/ELEVATION WITH NEW CEILING HEIGHT.






SPRINKLER NOTE:

The building shall have a fully compliant fire protection system. The system shall comply to all applicable NFPA codes, State and Local Fire Marshal's regulations, and the owners insurance agency. The sprinkler contractor shall prepare documents showing all pipes, sizes, head types, and locations. Layout shall be fully coordinated with all other trades. Drawings shall be submitted to Engineer/Architect for review and then submitted to local AHJ and owners insurance agency. Changes required by AHJ or owners insurance agency shall be resubmitted to Engineer/Architect. The general contractor shall be responsible for routing and coordinating all piping, routing and head locations. Conflicts with sprinkler pipe and any other mechanical or electrical system shall be resolved through rerouting or relocating system components at no additional project cost.

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		 11235 Davenport Street Suite 104 Omaha, NE 68154 Phone: 402.991.5520 Fax: 402.991.3344 www.specializedeng.com				 21200 North 16th Street Omaha, NE 68174 Phone: 402.336.2424 Fax: 402.336.3023 altusarch.com altusarchitects.com altusdesign.com altuseng.com		Approved Project Director		Location OMAHA		Drawing Number M3-1 Dwg. 4 of 9			
Revisions:		Date								Date 07-18-2012		Checked JLP		Drawn JSH	

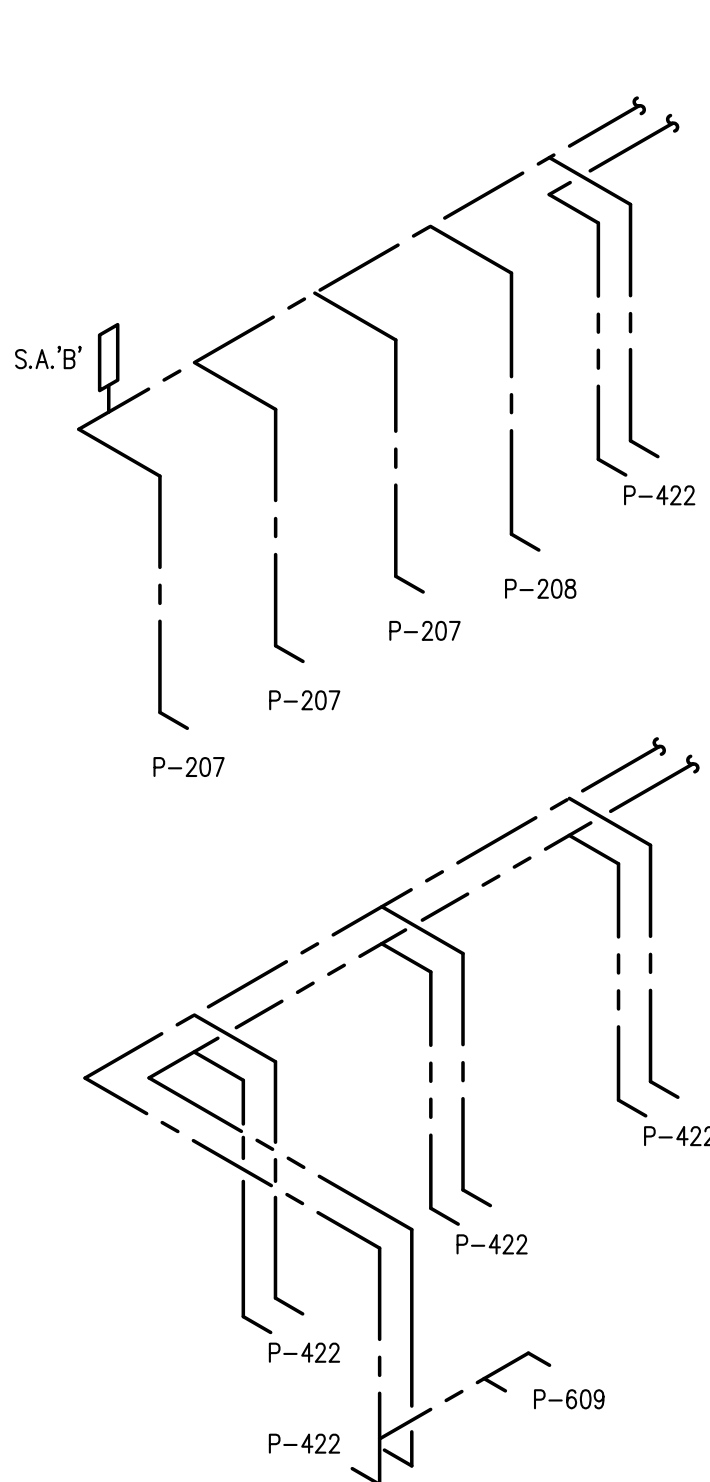
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PLUMBING FIXTURE SCHEDULE						
MARK	DESCRIPTION	PIPING CONNECTIONS				
		COLD WATER	HOT WATER	WASTE	VENT	
P-116	WATER CLOSET: AMERICAN STANDARD 3312.001, FLOOR SET, BACK OUTLET, EXTRA HEAVY DUTY OPEN FRONT SEAT LESS COVER, SLOAN 111-1.6-HWS-YG HARD WIRED POWERED FLUSH VALVE. PROVIDE EL-451 TRANSFORMER FOR MULTIPLE FLUSH VALVES PER TOILET ROOM.	1	-	4	2	
P-207	URINAL: AMERICAN STANDARD 6541.132, SLOAN 186-HWS HARD WIRED POWERED FLUSH VALVE. PROVIDE EL-451 TRANSFORMER AND CARRIER, SINGLE TRANSFORMER FOR MULTIPLE FLUSH VALVES PER TOILET ROOM.	3/4	-	2	1 1/2	
P-208	URINAL (ADA) SAME AS P-207 AT ADA HEIGHT. SINGLE TRANSFORMER FOR MULTIPLE FLUSH VALVES PER TOILET ROOM.	3/4	-	2	1 1/2	
P-422	LAV: SOLID SURFACE BOWL BY OTHERS, SLOAN ETF-610 ELECTRONIC FAUCET, LAMINAR FLOW SPRAY HEAD, SLOAN MIX-60A MIXING VALVE, CENTRAL MODULE & TRANSFORMER. OFFSET TAILPIECE, TRAP, SUPPLIES, ADA COVERS- SEE SPECIFICATIONS. SINGLE SLOAN EL208 TRANSFORMER FOR MULTIPLE FAUCETS PER TOILET ROOM. SEPARATE CONTROL MODULE EACH FAUCET.	1/2	1/2	1 1/4	1 1/4	
P-609	WATER FOUNTAIN: HAWS 1011 HI-LO BARRIER FREE, WALL MOUNTED WITH WALL SUPPORT BRACKET.	3/8	-	1 1/4	1 1/4	
P-701	SHOWER: BASE: FLAT WTR-5000, 48"x48" TERRAZZO RECEPTOR WITH STAINLESS STEEL ENTRY CAP AND STRAINER. VALVE & ACCESSORIES: CHICAGO 1905-VOCCP THERMOSTATIC PRESSURE BALANCED VALVE, 151-CP HAND HELD & WALL FITTING WITH 2.5 GPM NON-POSITIVE SHUTOFF HAND SPRAY, 24" ADJUSTABLE WALL BAR, 60" HOSE, VACUUM BREAKER, WALL ANGLE. INSTALL V.B. 6'-6" CENTERLINE OF OUTLET. INSTALL TOP OF 24" BAR AT 6'-0". INSTALL VALVE AT 3'-6". ALL DIMENSIONS MEASURED FROM HIGH POINT OF FLOOR INSIDE RECEPTOR.	1/2	1/2	2	1 1/2	
FD-C	FLOOR DRAIN: WADE 1100STD6	-	-	2	1 1/2	

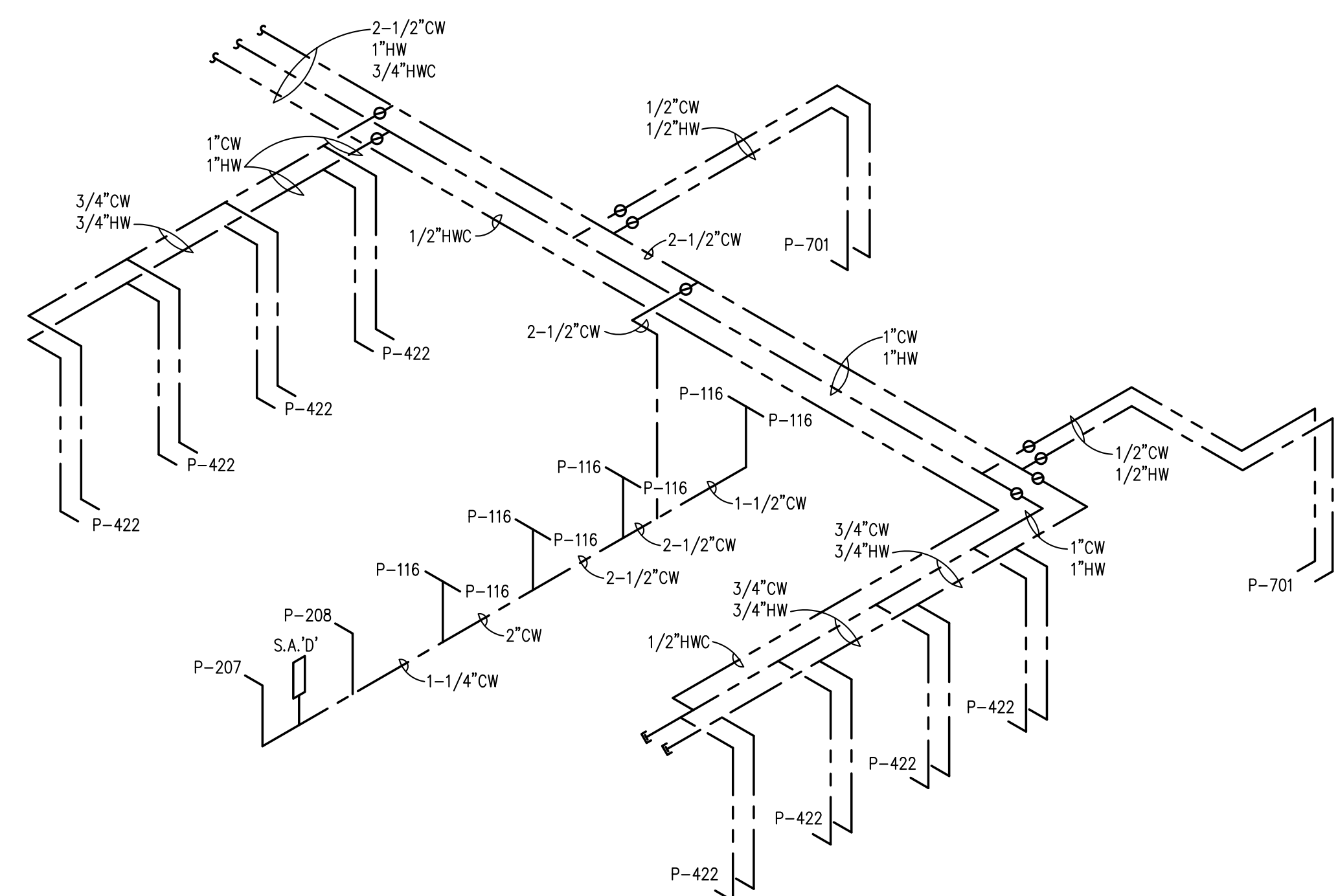
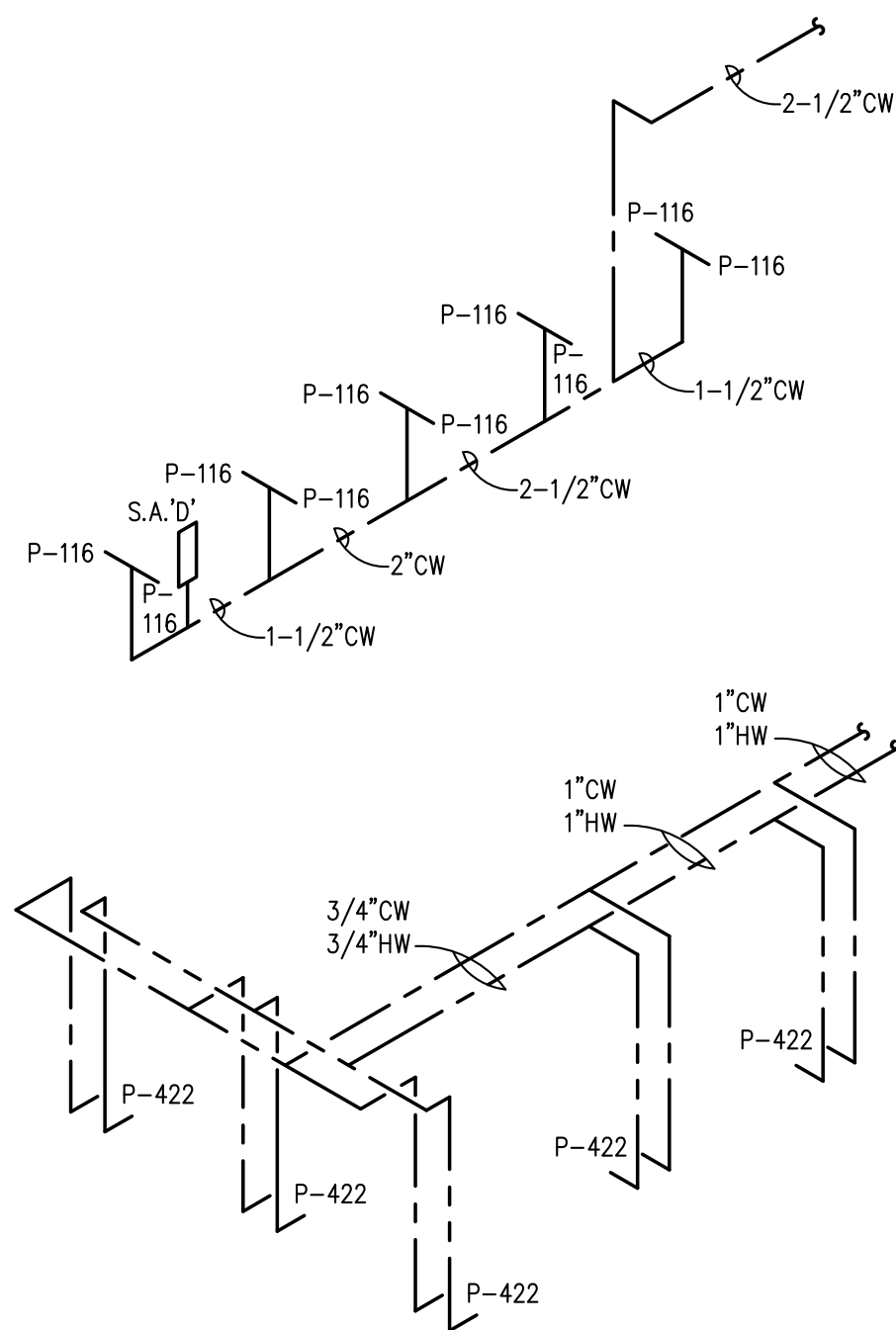
DIFFUSER, REGISTER, AND GRILLE SCHEDULE							
MARK	DESCRIPTION/ DEFLECTION	CONST. MATERIAL	FINISH	FACE SIZE	MANUFACTURER	MODEL	REMARKS
D-1	CEILING DIFFUSER	ALUMINUM	WHITE	24x24	PRICE	ASCOA	(1)
D-2	CEILING DIFFUSER	ALUMINUM	WHITE	12x12	PRICE	ASCOA	(1)
G-1	CEILING EXHAUST	ALUMINUM	WHITE	SEE SCHEDULE	PRICE	6300	(1)

REMARKS
(1) SEE SPECIFICATION FOR ACCESSORIES

MECHANICAL SYMBOLS			
HEATING, VENTILATION, AND AIR CONDITIONING			
=====	LINED DUCTWORK	XX' @ D-1 XXX	SUPPLY AIR TAG
24/12	RECTANGULAR DUCTWORK	24"x24" G-1	RETURN AIR TAG
12'x	ROUND DUCTWORK	FR.D.	FIRE DAMPER
24/12 #	FLAT OVAL DUCTWORK	F.S.D.	COMBINATION FIRE/SMOKE DAMPER
	TURNING VANES		MOTORIZED DAMPER
	DUCT RISER		VOLUME DAMPER
	TEMPERATURE SENSOR		PRESSURE OR TEMPERATURE POINTS
	THERMOSTAT		HUMIDISTAT
PLUMBING AND PIPING			
UPS	STEAM (LOW AND MEDIUM PRESSURE)		VENT THROUGH ROOF ON RISER
UPS	STEAM (HIGH) AND HEAT PUMP SUPPLY		CLEANOUT
UPS	CONDENSATE (LOW AND MEDIUM PRESSURE)		FLOOR DRAIN (ROUND)
UPS	CONDENSATE (HIGH) AND HEAT PUMP SUPPLY		FLOOR DRAIN (SQUARE)
HWS	HEATING WATER SUPPLY		ROOF/OVERFLOW DRAIN
HWR	HEATING WATER RETURN		WALL HYDRANT
CWS	CHILLED WATER SUPPLY		HOSE BIBB
CWR	CHILLED WATER RETURN		GAS COOK
FC	CONDENSATE OR BOILER FEED PUMP DISCHARGE		AUTOMATIC CONTROL VALVE, 3-WAY
FOS	FUEL OIL SUPPLY		AUTOMATIC CONTROL VALVE, 2-WAY
FOR	FUEL OIL RETURN		PRESSURE REGULATING VALVE
FOV	FUEL OIL VENT		PIPE IN SLEEVE
G	NATURAL GAS		UNION
CS	CONDENSER WATER SUPPLY		STRAINER WITH BLOW-OFF VALVE
CR	CONDENSER WATER RETURN		BALANCING VALVE
CS	COL OR EQUIPMENT DRAIN LINE		ELBOW UP / ELBOW ON
SS	SANITARY SEWER (ABOVE FLOOR)		TEE UP / TEE ON
SS	SANITARY SEWER (BELOW FLOOR)		ISOLATION VALVE (BALL OR BUTTERFLY)
ST	STORM SEWER (ABOVE FLOOR)		GLOBE VALVE
ST	STORM SEWER (BELOW FLOOR)		PRESSURE/TEMPERATURE TEST PORT
V	VENT (ABOVE FLOOR)		GATE VALVE
V	VENT (BELOW FLOOR)		CHECK VALVE (ARROW INDICATES FLOW)
CW	COLD WATER (CW)		FLEXIBLE PIPING
HW	HOT WATER (HW)		PRESSURE RELIEF VALVE
HWC	HOT WATER CIRCULATING (HWC)		PRESSURE GAUGE
SSW	SITE SANITARY SEWER		THERMOMETER
SS	SITE STORM SEWER		ARROW INDICATES FLOW DIRECTION
W	SITE WATER PIPING		ARROW INDICATES DOWNWARD PIPE SLOPE
FIRE PROTECTION			
F	FIRE LINE		POST INDICATOR VALVE
F	SPRINKLER BRANCH AND HEADS		ALARM CHECK VALVE
F	FIRE DEPARTMENT CONNECTION (SIAMESE)		FLOW SWITCH
F	FIRE HYDRANT		OS AND Y VALVE
MEDICAL AND INSTITUTIONAL			
D	DEIONIZED WATER	A	COMPRESSED AIR
DC	DEIONIZED WATER CIRCULATING	V	VACUUM
DH	DEIONIZED HOT WATER	NO	NITROUS OXIDE (N ₂ O)
DHC	DEIONIZED HOT WATER CIRCULATING	O	OXYGEN (O ₂)
DS	DISTILLED WATER	RO	REVERSE OSMOSIS
DSC	DISTILLED WATER CIRCULATING	N	NITROGEN
◇◇◇◇	MEDICAL GAS OUTLETS		
MISCELLANEOUS			
	DENOTES NEW CONNECTION TO EXISTING		



1 RESTROOMS 1566 AND 1560 WATER RISER DIAGRAMS
M4-1 SCALE: NONE



2 RESTROOMS B712 AND B710 WATER RISER DIAGRAMS
M4-1 SCALE: NONE

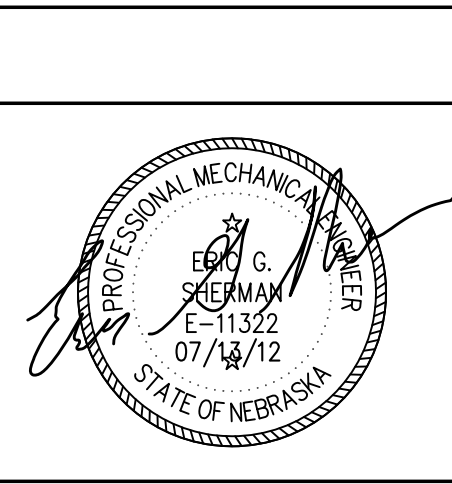
Revisions	Date

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Drawing Title
MECHANICAL SCHEDULES & DETAILS

Approved: Project Director

Project Title
RENOVATE RESTROOMS NWHCS

Location
OMAHA

Date
07-13-2012

Checked
JLP

Drawn
JSH

Project Number
636-12-108

Building Number

Drawing Number
M4-1

Dwg. 5 of 9

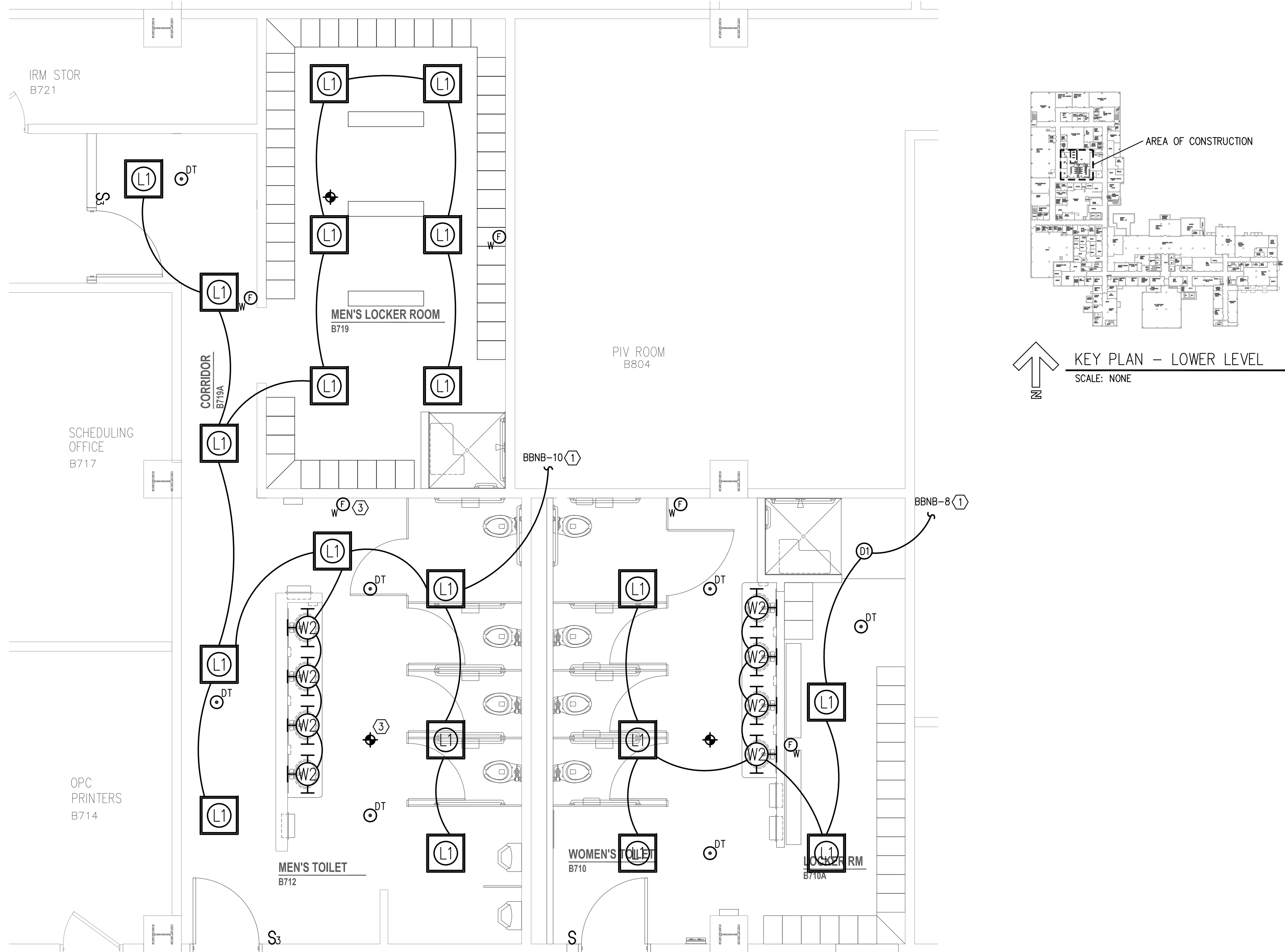
Office of Construction and Facilities Management

Department of Veterans Affairs

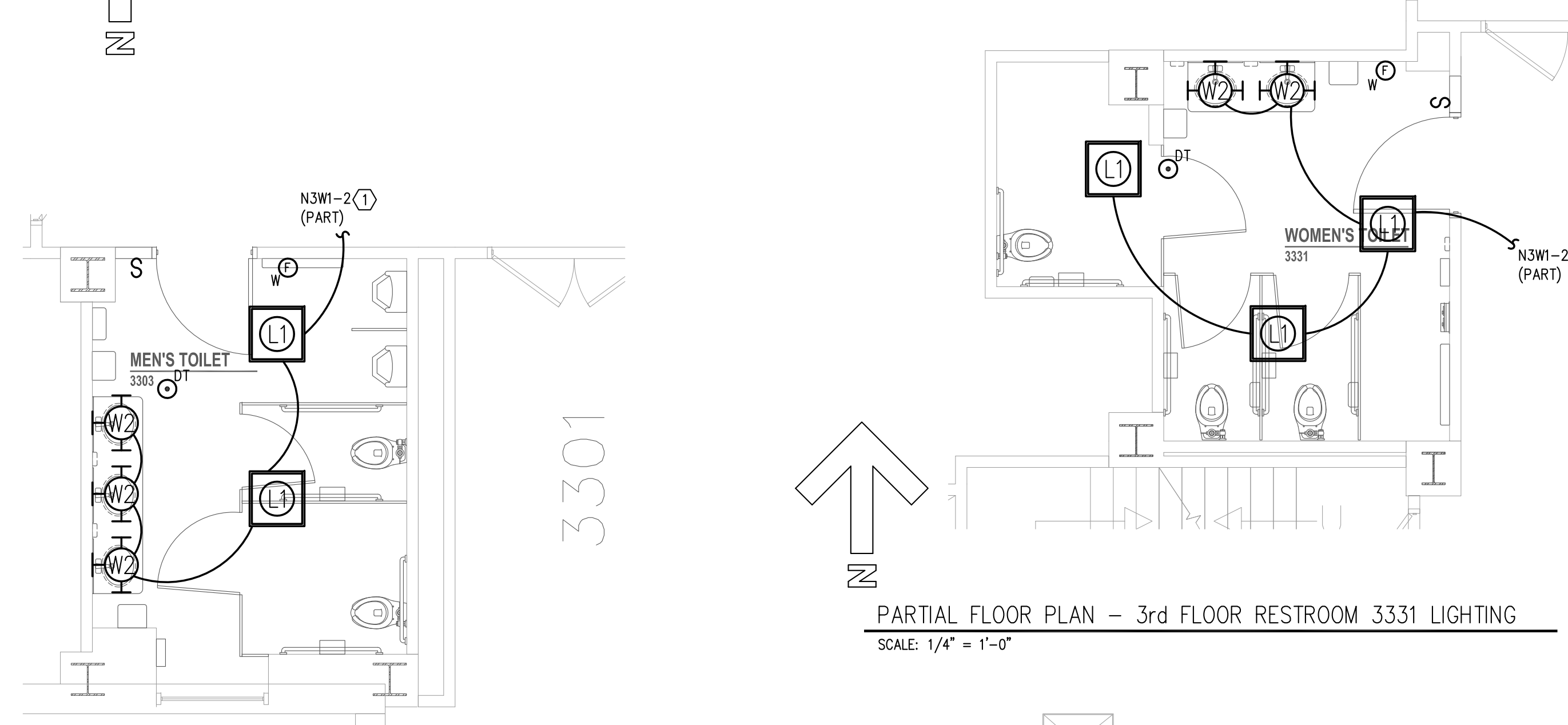
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VA FORM XX-XXXX

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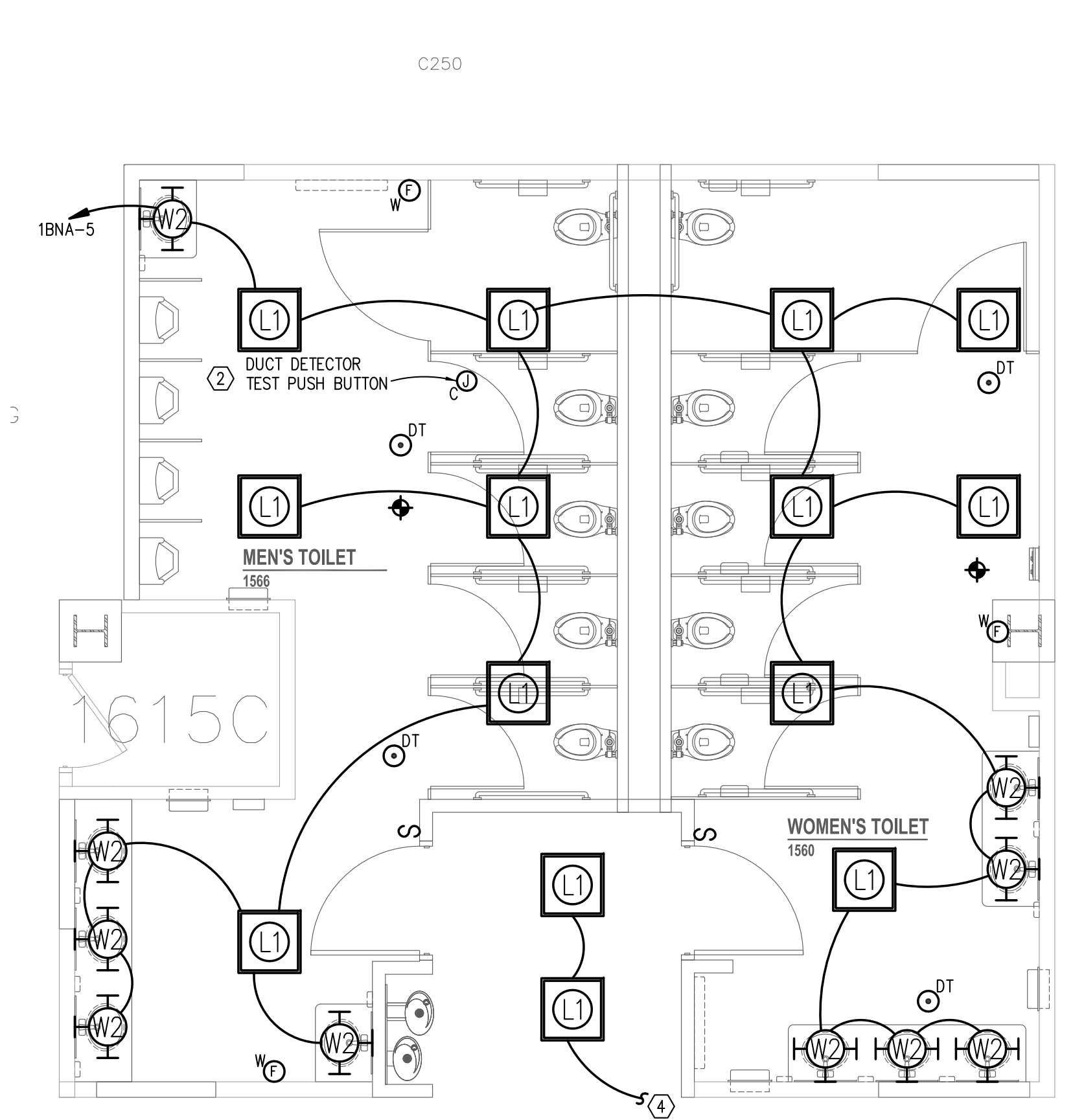
PARTIAL FLOOR PLAN - LOWER LEVEL RESTROOMS B712 & B710 LIGHTING
SCALE: 1/4" = 1'-0"



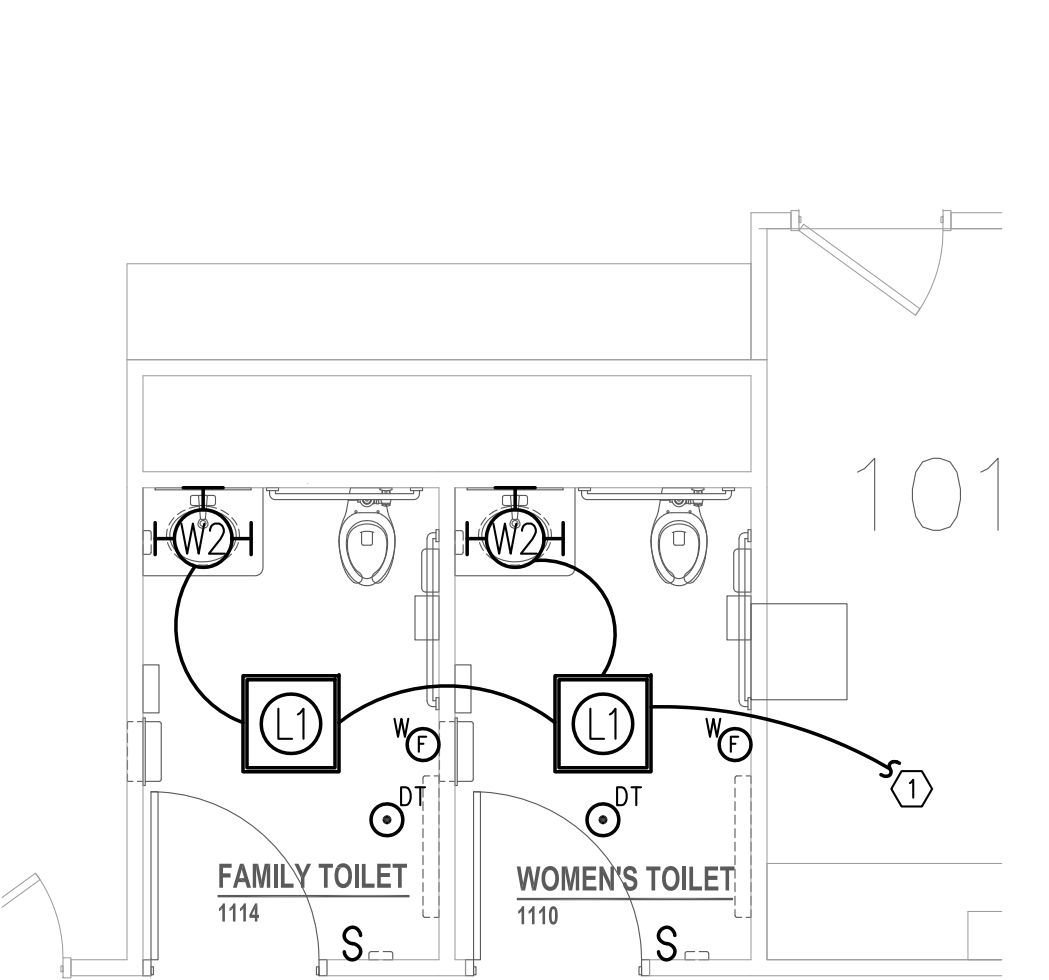
PARTIAL FLOOR PLAN - 3rd FLOOR RESTROOM 3331 LIGHTING
SCALE: 1/4" = 1'-0"



PARTIAL FLOOR PLAN - 3rd FLOOR RESTROOM 3303 LIGHTING
SCALE: 1/4" = 1'-0"



PARTIAL FLOOR PLAN - 1st FLOOR RESTROOMS 1566 & 1560 LIGHTING
SCALE: 1/4" = 1'-0"



PARTIAL FLOOR PLAN - 1st FLOOR RESTROOMS 1110 & 1114 LIGHTING
SCALE: 1/4" = 1'-0"

- SHEET NOTES**
- CONNECT NEW ELECTRICAL DEVICE TO EXISTING BRANCH CIRCUIT PREVIOUSLY SERVING DEMOLISHED DEVICE.
 - NEW FIRE ALARM DUCT SMOKE DETECTOR TEST PUSH BUTTON: CONNECT TO EXISTING DUCT SMOKE DETECTOR LOCATED ABOVE FINISHED CEILING. INSTALL DEVICE CENTERED IN GRID.
 - CONNECT NEW FIRE ALARM DEVICE TO EXISTING BUILDING FIRE ALARM SYSTEM. (TYPICAL)
 - CONNECT NEW LIGHT FIXTURES ON BRANCH CIRCUIT TO EXISTING CORRIDOR LIGHTING BRANCH CIRCUIT AND CONTROLS.
- GENERAL LIGHTING NOTES**
(THESE GENERAL NOTES SHALL APPLY TO ALL ELECTRICAL LIGHTING SHEETS)
- A. LIGHTING CONTROL DEVICES ARE INDICATED WITHOUT CONNECTION TO FIXTURE(S) BEING CONTROLLED. WITHIN EACH AREA, CONNECT CONTROL DEVICE TO SERVE LIGHT FIXTURE(S) LOCATED WITHIN SAME AREA. WHERE LIGHT FIXTURES ARE INDICATED WITH A SUBSCRIPT LETTER, CONTROL DEVICE SERVING AREA WITH MATCHING SUBSCRIPT SHALL CONTROL CORRESPONDING LIGHT FIXTURES. AREAS SERVED FROM LIGHTING CONTROL PANEL ARE INDICATED ON PLANS. REFER TO SUPPLEMENTAL SYMBOL LEGEND ON THIS SHEET FOR LIGHTING CONTROL CONNECTION DETAILS.
- B. BRANCH CIRCUITS WITH A TOTAL LENGTH LONGER THAN 100'-0" SHALL BE #10 WIRE.
- C. SWITCHES SERVING UNDERCABINET TASK LIGHTING SHALL MATCH RECEPTACLE HEIGHT ABOVE COUNTER.
- D. LIGHTING CONTROL DEVICE MOUNTING HEIGHTS ARE NOT INDICATED ON ELECTRICAL FLOOR PLANS. CONTRACTOR SHALL COORDINATE EXACT DEVICE LOCATIONS AND MOUNTING HEIGHTS WITH ARCHITECTURAL INTERIOR ELEVATIONS. WHERE DEVICE MOUNTING HEIGHTS ARE NOT INDICATED PER ARCHITECT, MOUNT DEVICES AT HEIGHT INDICATED IN ELECTRICAL PROJECT SPECIFICATIONS.
- E. CONTRACTOR SHALL COORDINATE ALL LIGHTING CONTROL DEVICE ROUGH-IN LOCATIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS TO ASSURE COMPATIBILITY WITH FINISHES SPECIFIED ON THE ARCHITECTURAL DRAWINGS. COORDINATE ROUTING OF ALL ELECTRICAL BRANCH CIRCUITS AND CONDUIT WITH OTHER TRADES TO ALLOW FOR SERVICE AND MAINTENANCE AND TO MINIMIZE THE USE OF ACCESS PANELS. WHERE ACCESS PANELS CANNOT BE AVOIDED, WORK TO INSTALL PANELS IN LOCATIONS ACCEPTABLE TO ARCHITECT.
- F. REFER TO SHEET EQ-1 FOR PANEL LOCATIONS.

ENERGY CODE SUMMARY			
SPACE-BY-SPACE METHOD			
ASHRAE 90.1 (2007) OR IECC (2009)			
SPACE TYPE	AREA (SQ. FT.)	ALLOWED LPD (WATTS/SQ. FT.)	ALLOWED POWER (WATTS)
CORRIDOR/TRANSITION, HOSPITAL	76	1.0	76
RESTROOMS	3082	0.9	2773
TOTAL ALLOWED	3158	0.90	2849
TOTAL ACTUAL	3158	0.72	2258

INSTALL GREEN INSULATED GROUND WIRE WITH LIGHTING, RECEPTACLE AND EQUIPMENT BRANCH CIRCUITS.

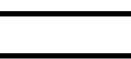
INSTALL INDIVIDUAL (DEDICATED) NEUTRAL CONDUCTORS FOR EACH 120V OR 277V PHASE CONDUCTOR SERVED FROM A SINGLE POLE CIRCUIT BREAKER.

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Revisions		Date		Approved: Project Director	Location OMAHA	Building Number	
				Date 07-13-2012	Checked KSB	Drawn MJF	
						Dwg. 7 of 9	



SCALE: $1/4" = 1'-0"$

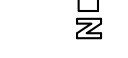


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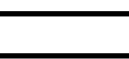


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SCALE: NONE



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SCALE: NONE

SCALE: 1/4" = 1'-0"

SINGLE POLE CIRCUIT BREAKER

BE VERIFIED FROM APPROPRIATE SOURCES. ALL WORK SHALL BE COORDINATED PRIOR TO INSTALLATION. SEE SPECIFICATIONS.

Dwg. 8 of 9

LIGHTING FIXTURE SCHEDULE

KEY NOTES: (LIGHTING FIXTURE SCHEDULE)

FIT NO.	MANUFACTURER	SUBS. (NOTE B)	CATALOG NO. (NOTE A)	LAMP DATA		VOLTS	INPUT WATTS	MOUNTING	DESCRIPTION	REMARKS
				QUANTITY AND SIZE	TYPE					
D1	COOPER	Y	PN5-W32T-ESR-C	2-26W T8	CF	120/277	58	CEILING RECESSED	5" WET LOCATION DOWNLIGHT	--
L1	COOPER (METALUX)	Y	26CB-217-A125-UNV-ER81	2-17W T8	F	120/277	36	CEILING RECESSED	2-LAMP 2X2 ACRYLIC TRXFER	--
W2	PRUDENTIAL	Y	W414-WFA-1TB-02-TMHW-SC-UNV-WM-10WD	1-17W T8	F	120/277	20	WALL SURFACE	2' TOILET VANITY	NOTE 1

GENERAL NOTES: (LIGHTING FIXTURE SCHEDULE)

GENERAL NOTES: (LIGHTING FIXTURE SCHEDULE)

A. CATALOG NUMBER VERIFICATION - CONTRACTOR SHALL VERIFY LIGHTING FIXTURE INSTALLATION REQUIREMENTS AND CATALOG NUMBER PRIOR TO ORDERING

B. SUBSTITUTIONS – WHERE INDICATED WITH 'N' (NO), NO SUBSTITUTIONS WILL BE ACCEPTED. WHERE INDICATED WITH 'P' (PRIOR APPROVAL), SUBSTITUTIONS MUST BE APPROVED PRIOR TO BID WITH ACCEPTANCE ISSUED BY ADDENDUM. WHERE INDICATED WITH 'Y' (YES), THE FOLLOWING MANUFACTURER'S ARE CONSIDERED ACCEPTABLE EQUIVALENT MANUFACTURERS, PROVIDED THE EQUIVALENT FIXTURE IS OF THE SAME QUALITY, EFFICIENCY, PERFORMANCE AND CHARACTERISTICS AS THAT SCHEDULED:

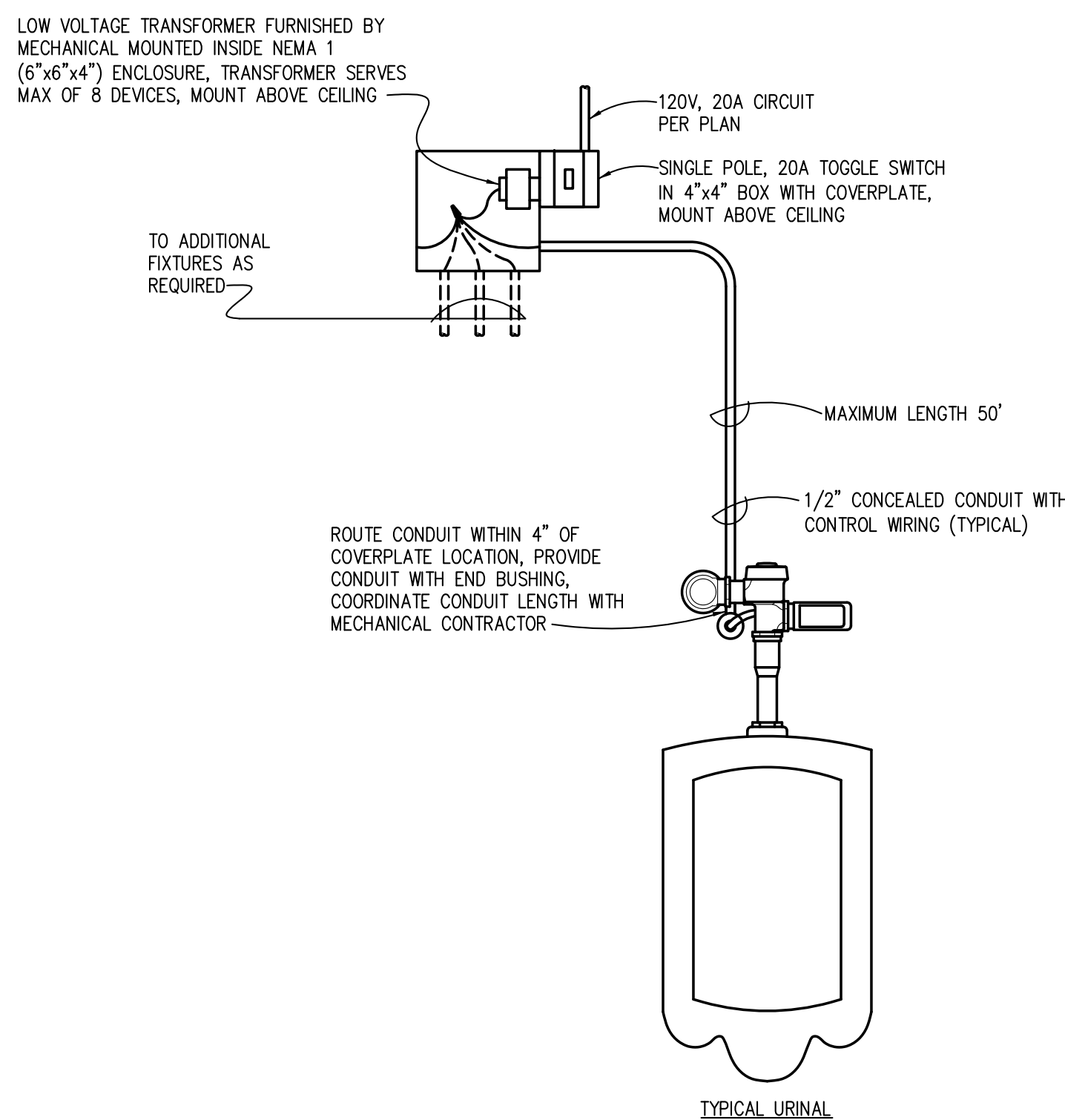
1. ACUITY BRANDS
2. COOPER
3. HUBBELL
4. WILLIAMS

SEE PROJECT SPECIFICATIONS FOR SPECIFIC MANUFACTURER/MODEL EQUIVALENCY OF COMMONLY USED LIGHTING FIXTURE TYPES. ABSENCE OF A SELECTION INDICATES THAT PRIOR APPROVALS ARE REQUIRED.

C. FIXTURE NUMBER SUFFIX 'F' (SEE PLANS) - PROVIDE FIXTURE WITH GYPSUM BOARD FLANGE MOUNTING IN LIEU OF ACOUSTICAL GRID MOUNTING

D. FIXTURE NUMBER SUFFIX 'B' (SEE PLANS) — PROVIDE FIXTURE WITH INTEGRAL 90 MINUTE BATTERY BALLAST WITH SELF-DIAGNOSTICS TO ILLUMINATE A MINIMUM OF ONE LAMP WITH A TOTAL OUTPUT OF 1400 LUMENS. CONNECT BATTERY SENSING SOURCE INPUT TO UNSWITCHED PORTION OF LOCAL LIGHTING BRANCH CIRCUIT. UNDER NORMAL OPERATION, FIXTURE SHALL BE CONTROLLED (ON/OFF) SIMILAR TO OTHER ROOM LIGHTING FIXTURES. UNLESS NOTED FOR 24-HOUR ILLUMINATION

E. DOWNLIGHT CEILING TRIM FINISH/COLOR SELECTION:
 PROVIDE DOWNLIGHT REFLECTOR FINISH/COLOR AS SPECIFIED IN THE LIGHTING FIXTURE SCHEDULE. SELECT CEILING TRIM FINISH/COLOR TO COORDINATE WITH CEILING TYPE. "WHITE" TRIM FOR DOWNLIGHTS MOUNTED IN WHITE (ACOUSTICAL TILE OR PAINT) CEILINGS. "CLEAR" (TO MATCH REFLECTOR FINISH/COLOR) FOR DOWNLIGHTS MOUNTED IN ALL OTHER COLOR CEILINGS (ACOUSTICAL TILE OR PAINT).



NOTES:

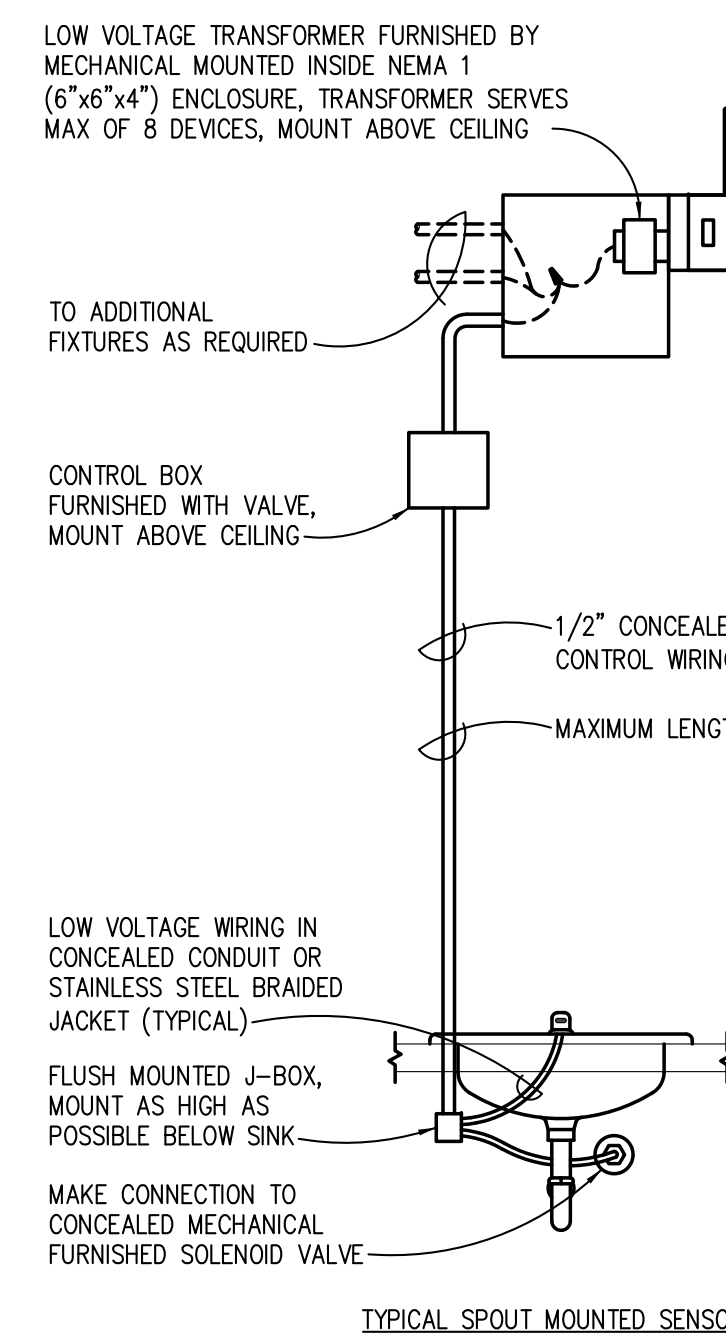
1. COORDINATE MOUNTING HEIGHTS AND INSTALLATION REQUIREMENTS WITH MECHANICAL CONTRACTOR AND VA PROJECT MANAGER.
2. FINAL APPROVAL OF ELECTRICAL DEVICE ROUGH-INS MUST BE RECEIVED FROM VA PROJECT MANAGER PRIOR TO DRYWALL INSTALLATION.
3. MAKE FINAL CONNECTIONS TO ASSOCIATED DEVICES.

2 AUTOMATIC FLUSHING CONTROL WIRING DIAGRAM-WATER CLOSET
E3-1 SCALE: NONE

NOTES:

1. COORDINATE MOUNTING HEIGHTS AND INSTALLATION REQUIREMENTS WITH MECHANICAL CONTRACTOR AND VA PROJECT MANAGER.
2. FINAL APPROVAL OF ELECTRICAL DEVICE ROUGH-INS MUST BE RECEIVED FROM VA PROJECT MANAGER PRIOR TO DRYWALL INSTALLATION.
3. MAKE FINAL CONNECTIONS TO ASSOCIATED DEVICES.

3 AUTOMATIC FLUSHING CONTROL WIRING DIAGRAM-URINAL
E3-1 SCALE: NONE



NOTES:

1. COORDINATE MOUNTING HEIGHTS AND INSTALLATION REQUIREMENTS WITH MECHANICAL CONTRACTOR AND VA PROJECT MANAGER.
2. FINAL APPROVAL OF ELECTRICAL DEVICE ROUGH-INS MUST BE RECEIVED FROM VA PROJECT MANAGER PRIOR TO DRYWALL INSTALLATION.
3. MAKE FINAL CONNECTIONS TO ASSOCIATED DEVICES.

4 AUTOMATIC LAVATORY FAUCET WIRING DIAGRAM
E3-1 SCALE: NONE